

Fig. 1

This technical drawing is an exploded perspective view of a mechanical assembly, likely a watch movement or a similar precision instrument. The assembly is composed of numerous parts, each labeled with a numerical reference numeral. The parts are arranged in a disassembled state to show their relative positions and how they fit together. Key components include a main housing (1), a central gear train (2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200). The drawing uses standard engineering conventions, including dashed lines to indicate hidden internal features and arrows to show the direction of assembly. The overall layout is a perspective view, providing a three-dimensional understanding of the component arrangement.

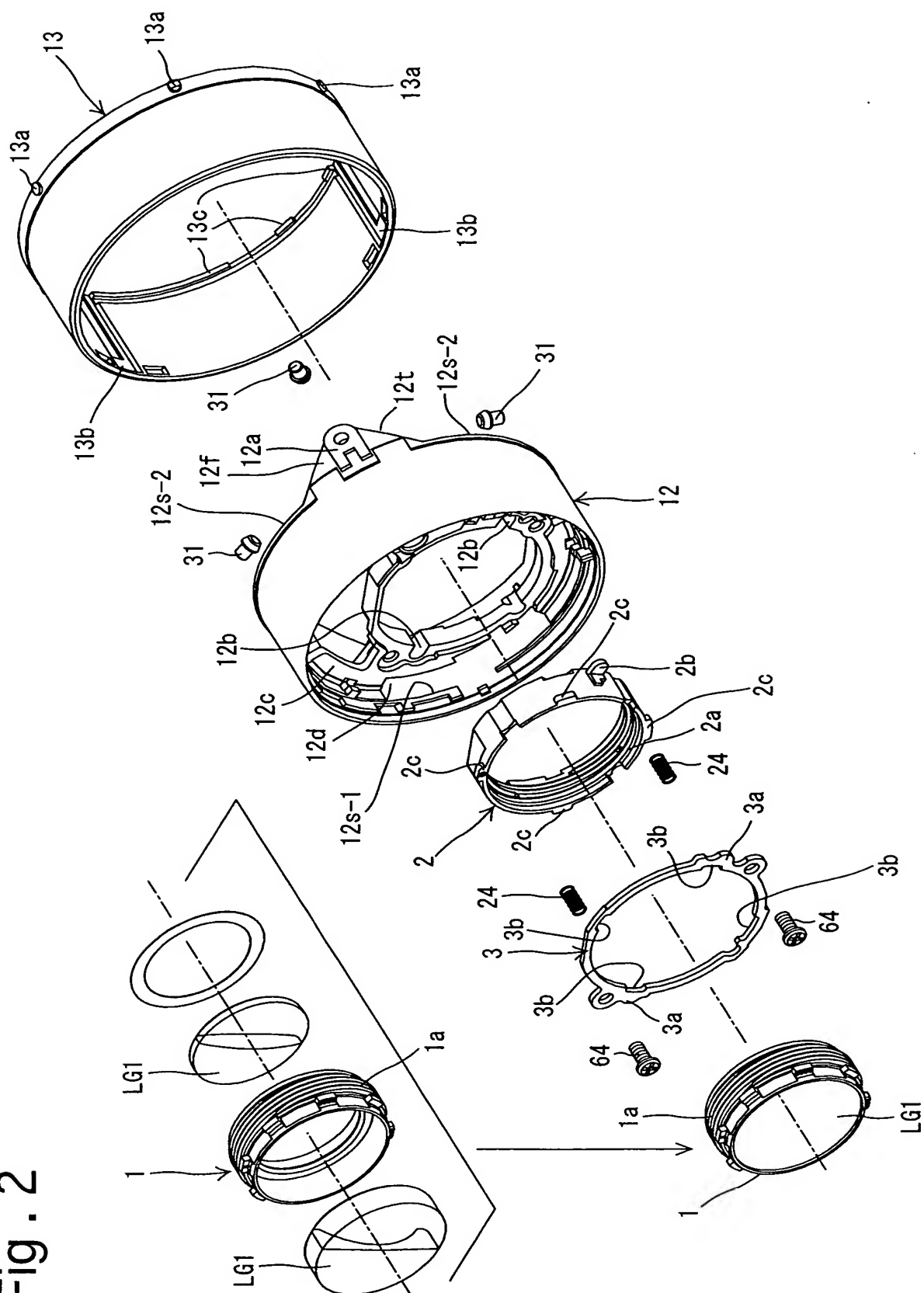
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Fig. 3

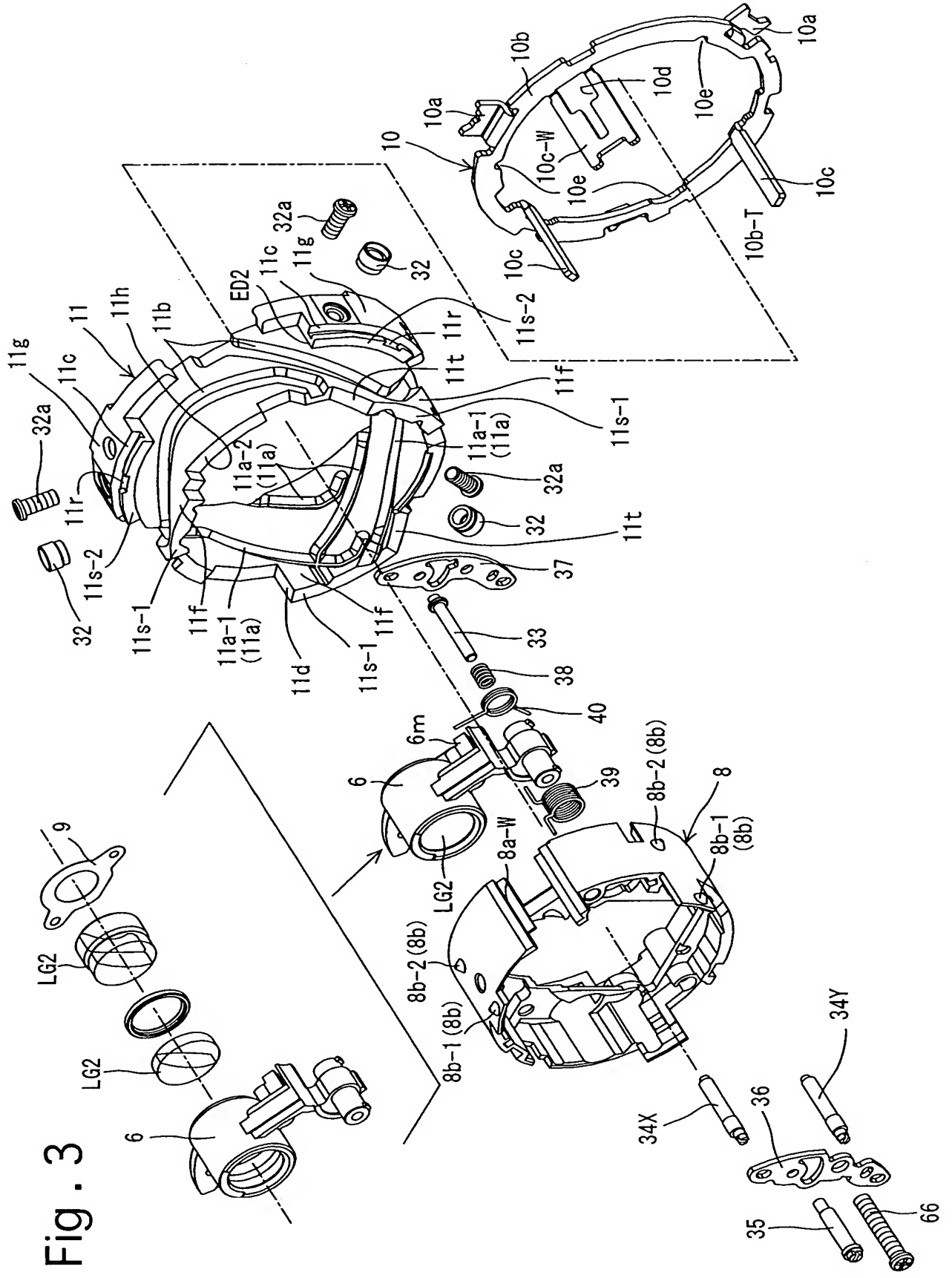


Fig. 4

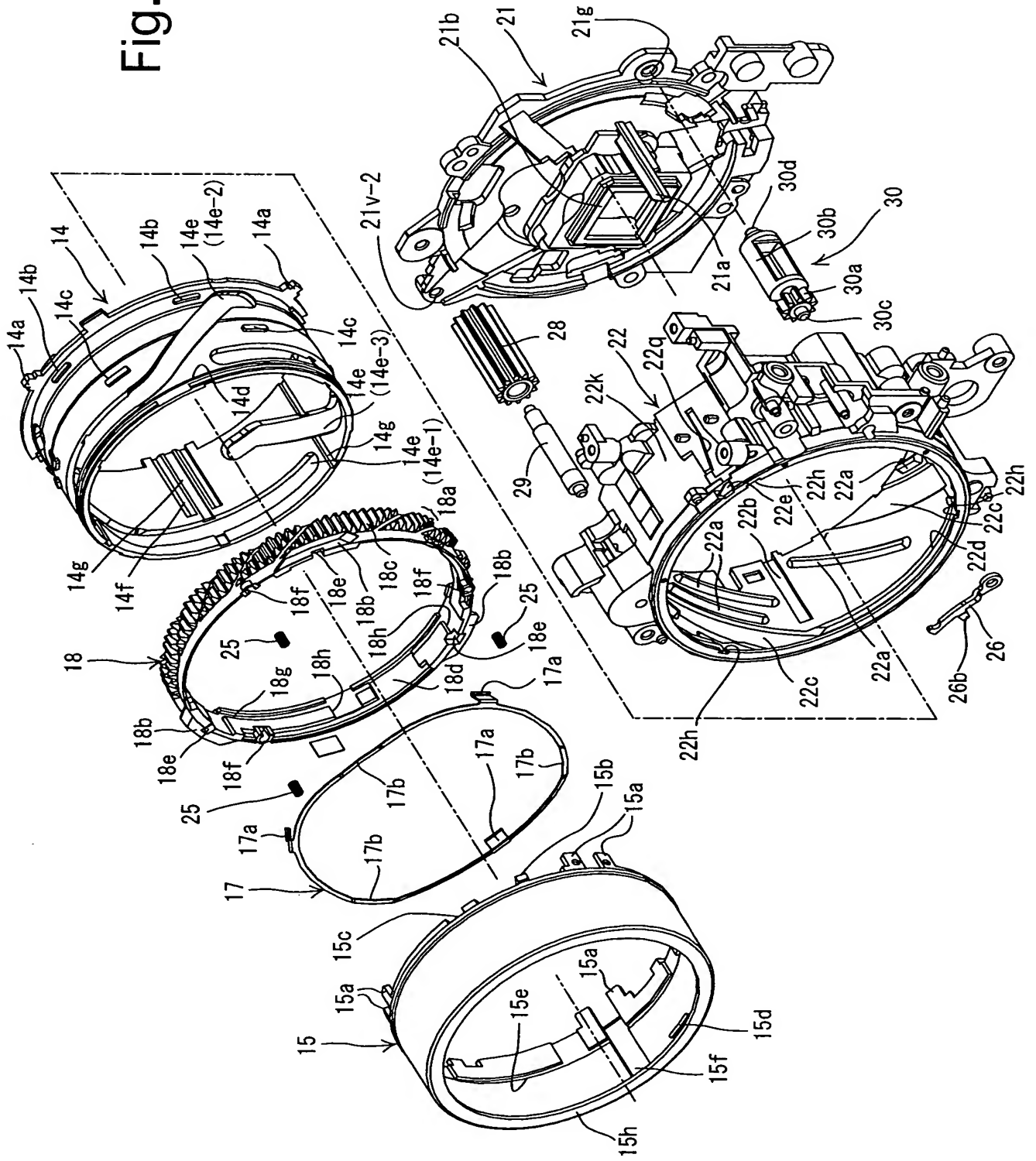


Fig. 5

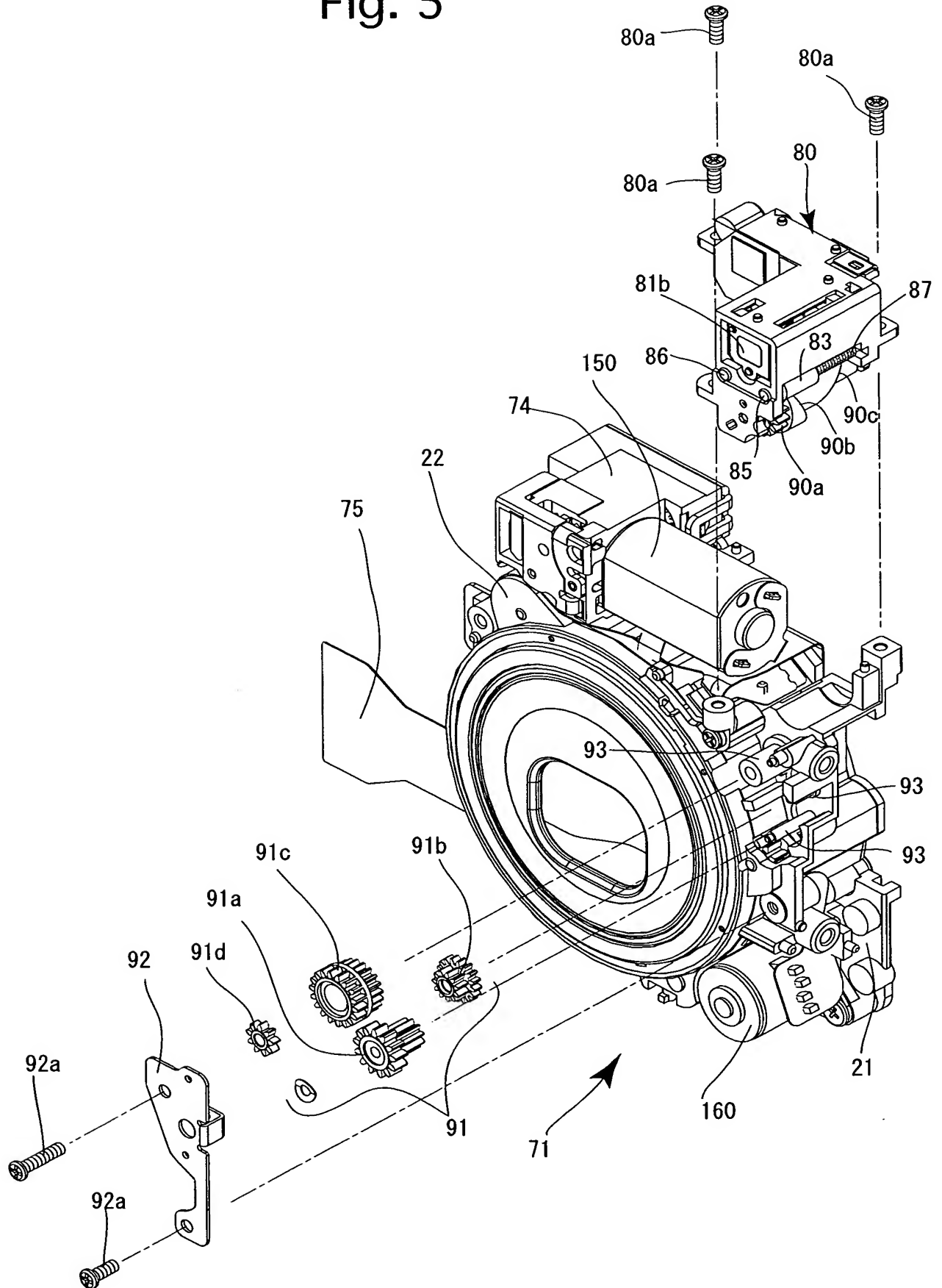


Fig. 6

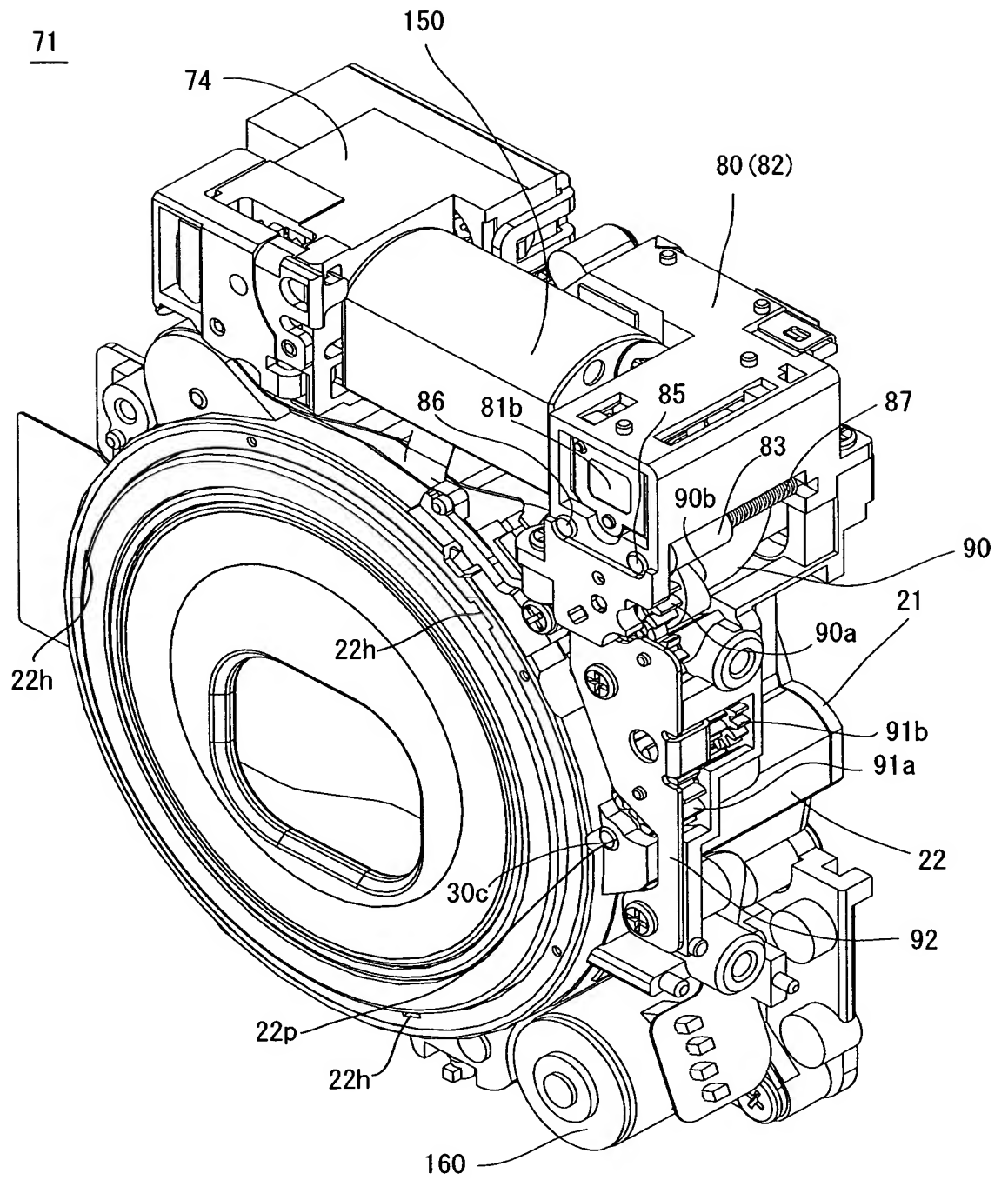


Fig. 7

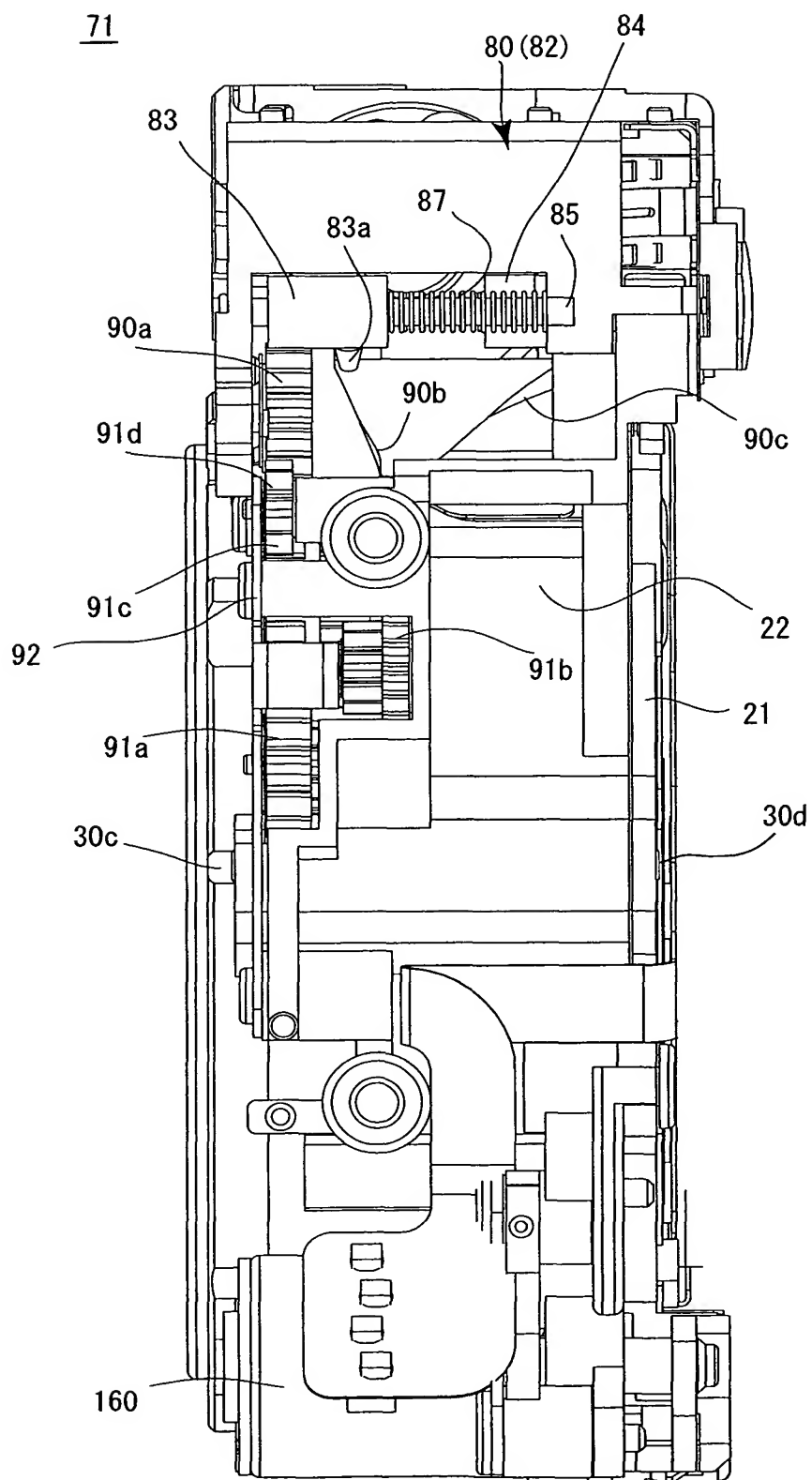


Fig. 8

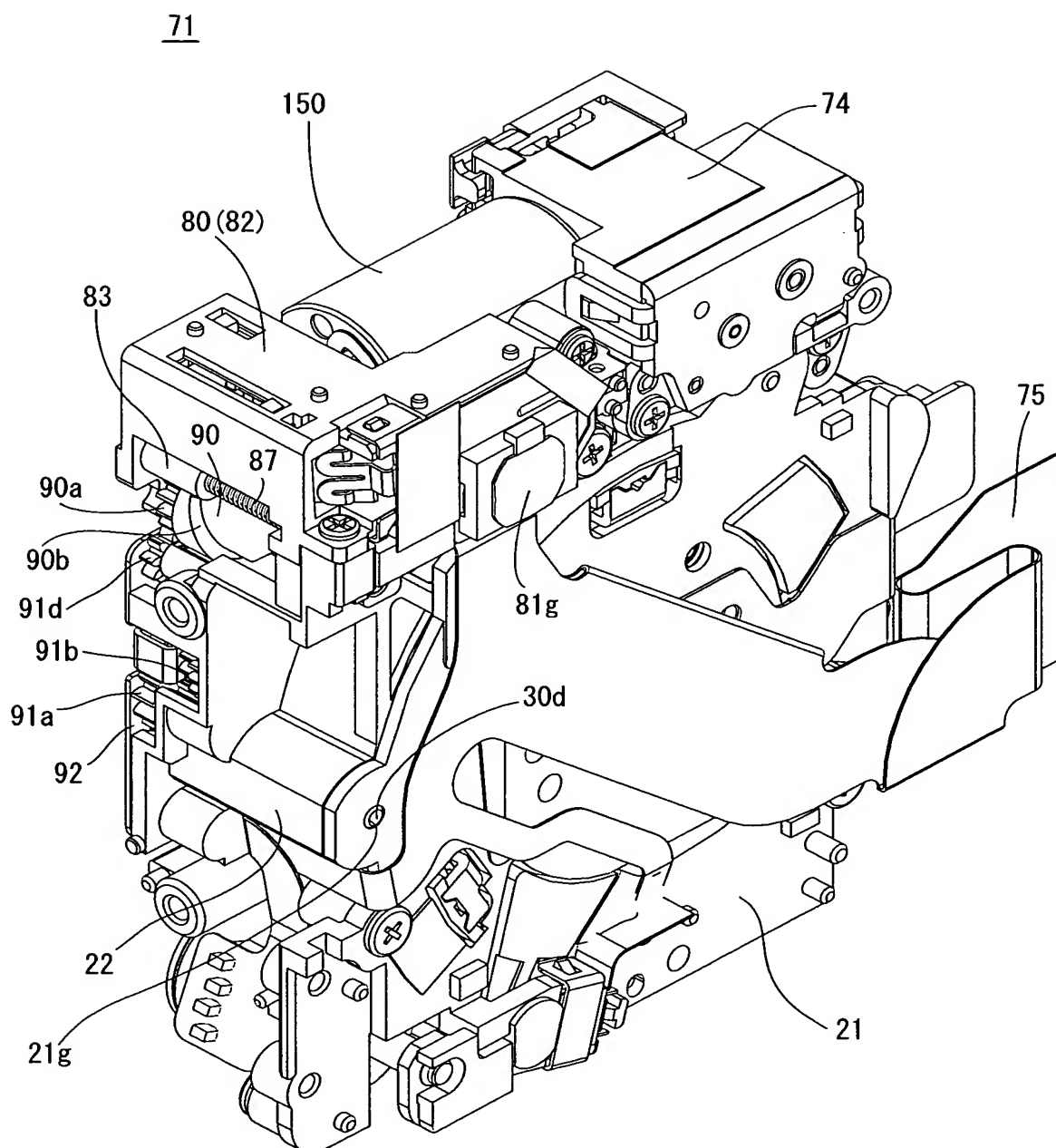


Fig. 9

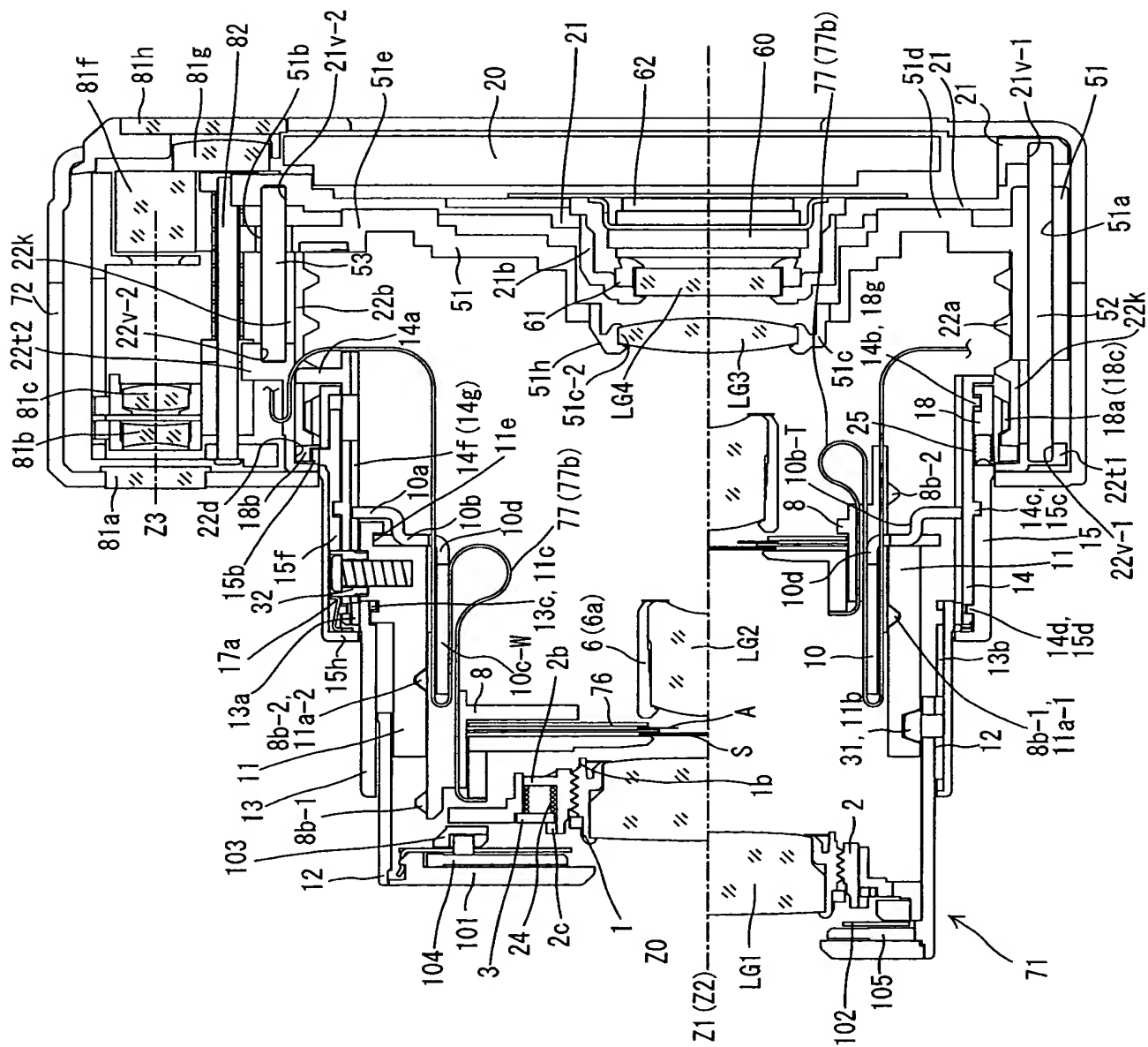


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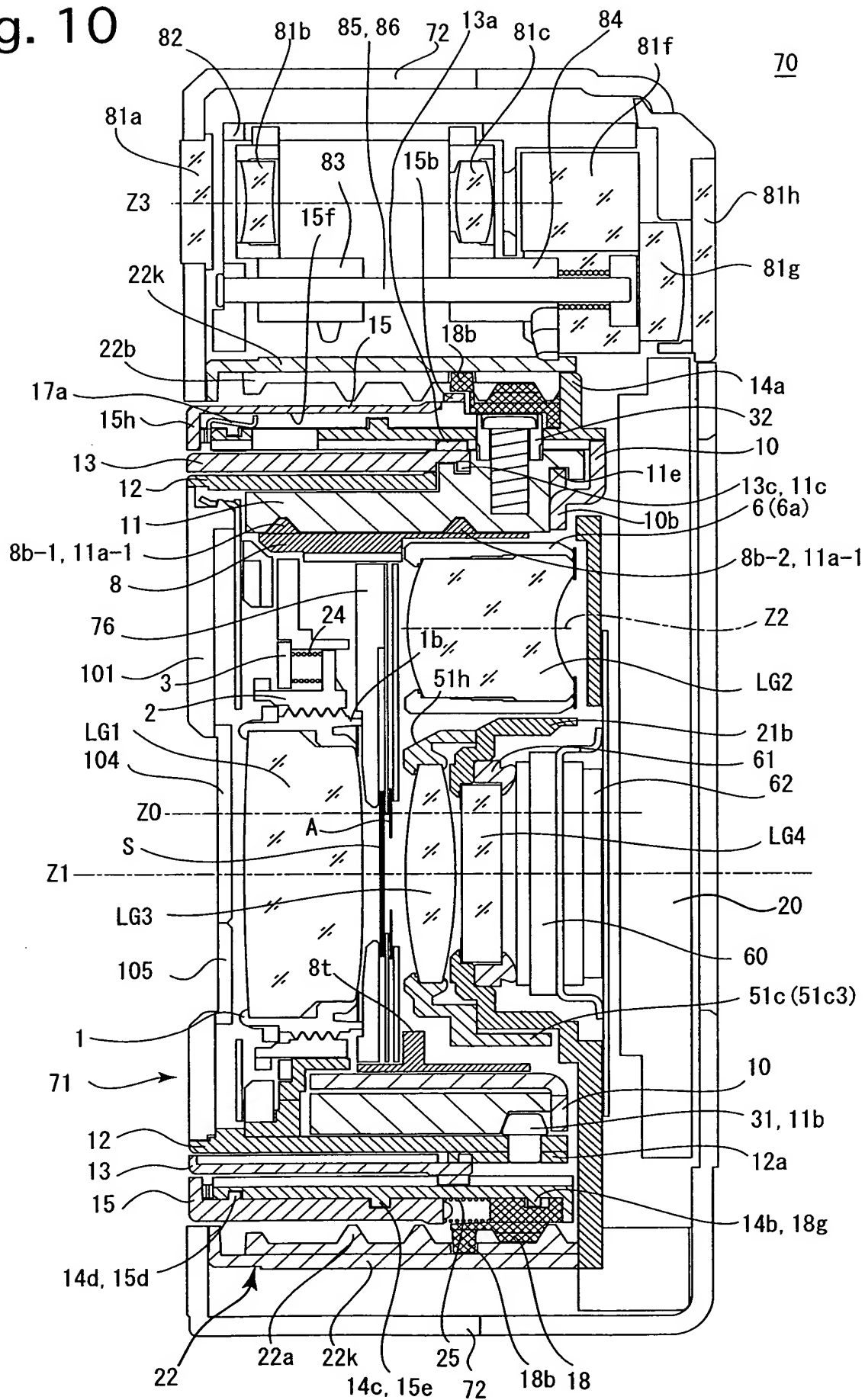


Fig. 11

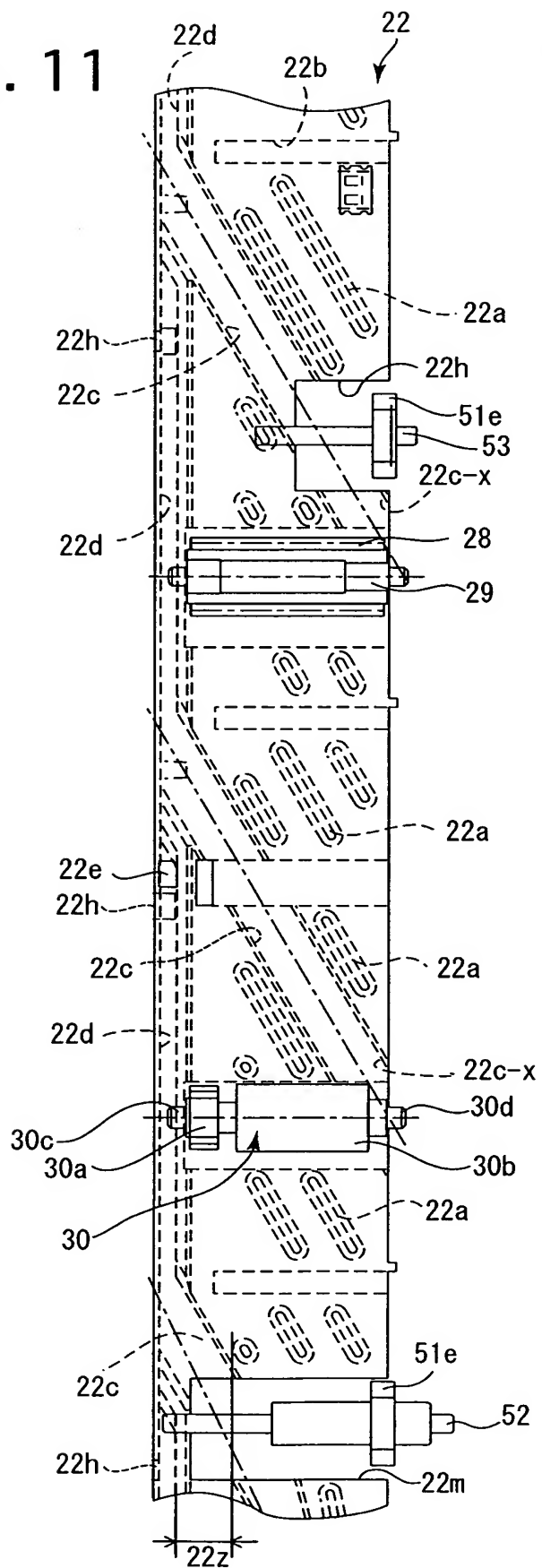


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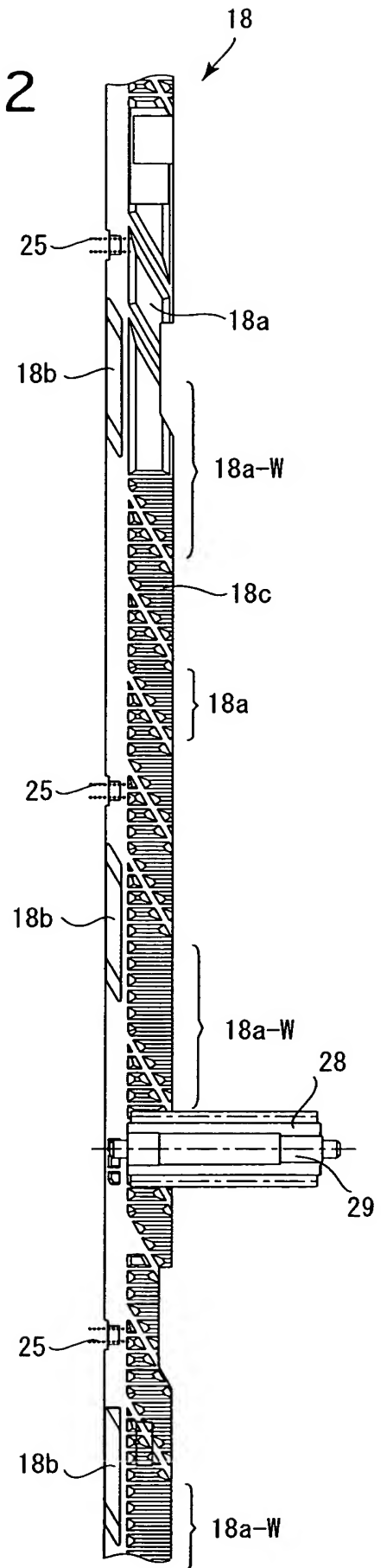


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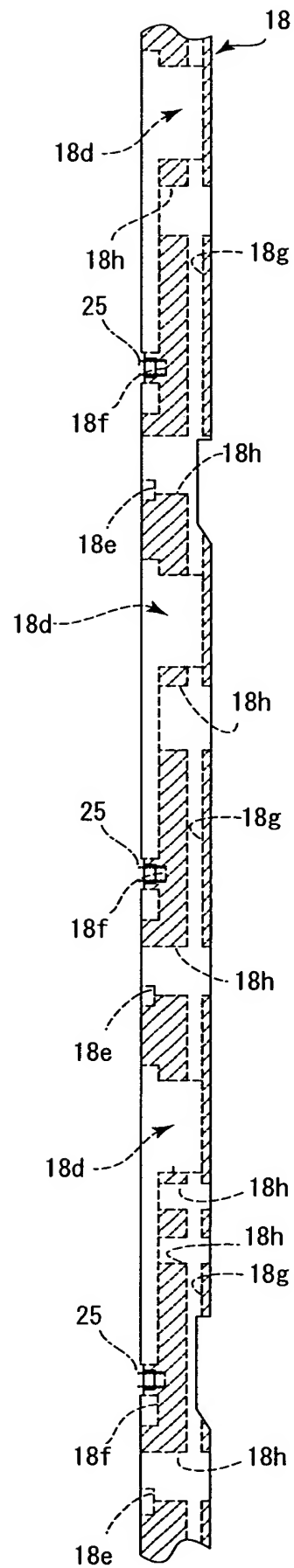


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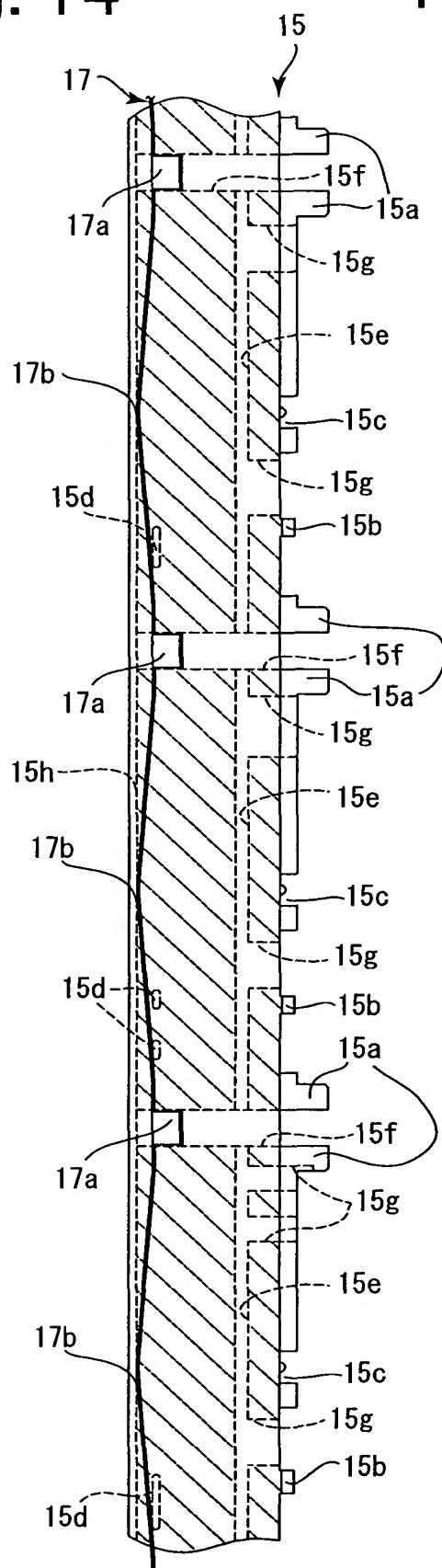


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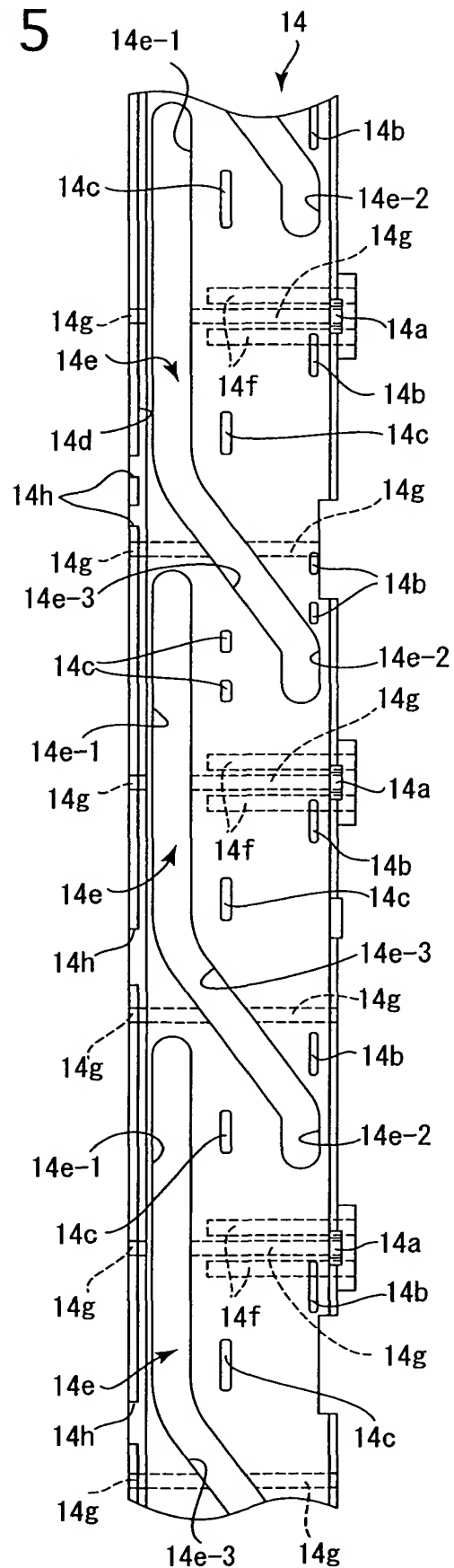


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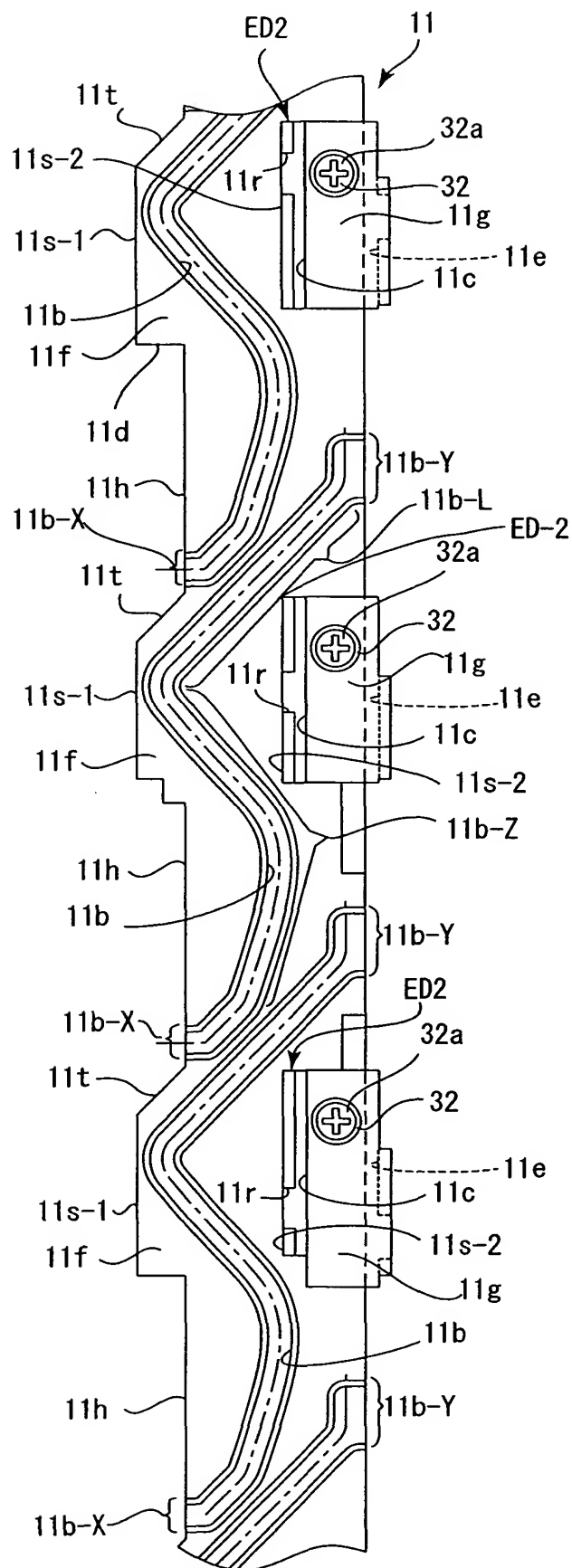


Fig. 17

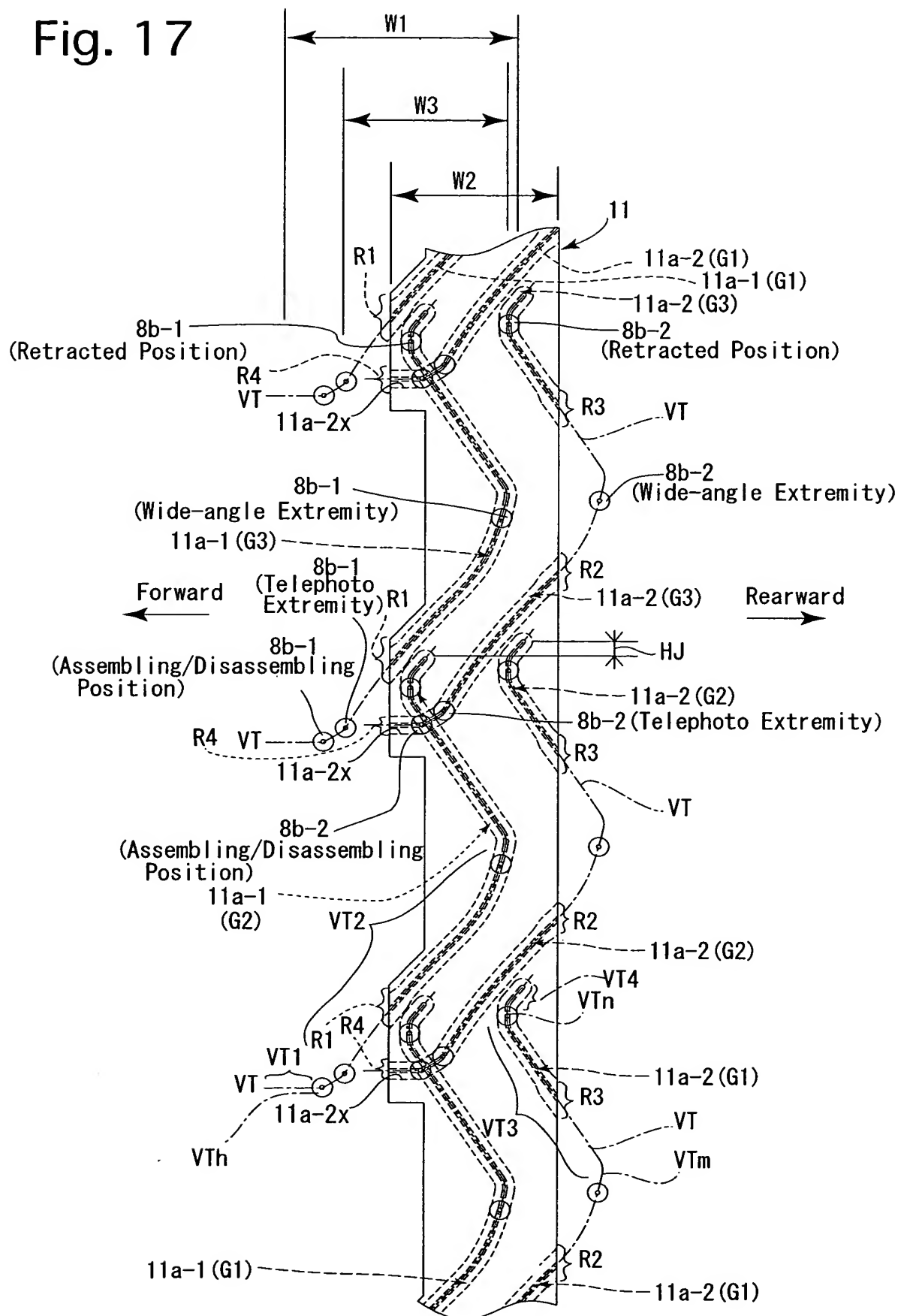


Fig . 19

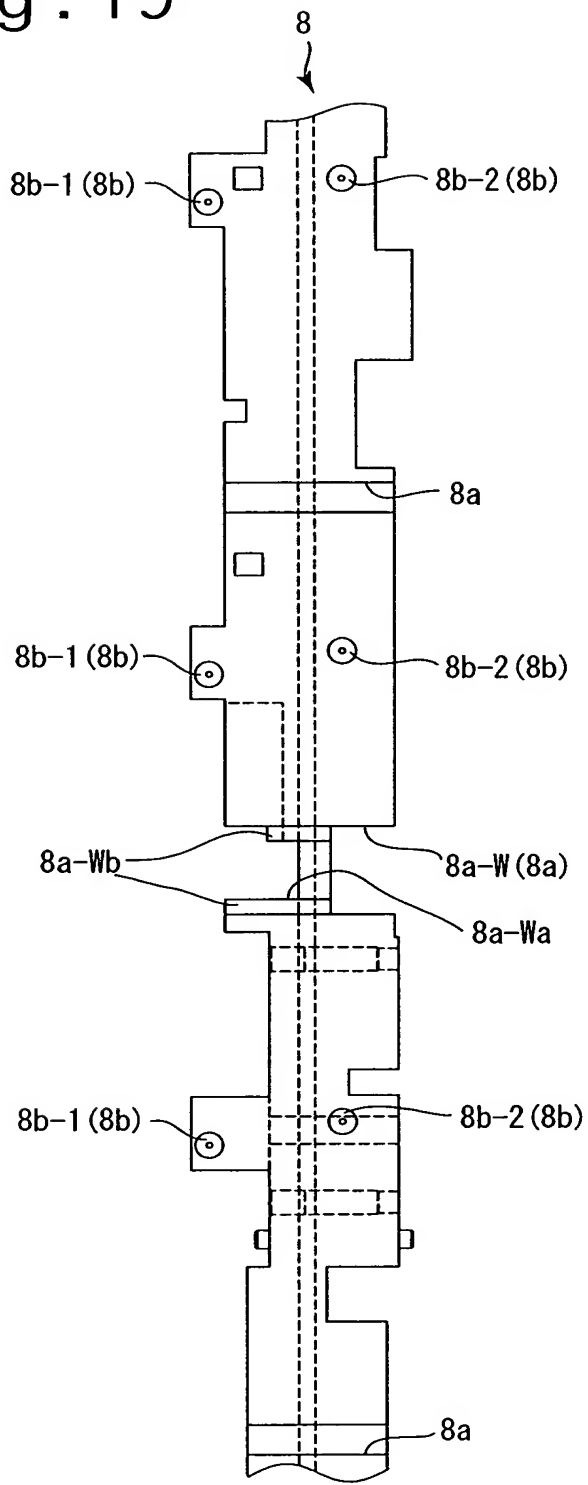


Fig . 18

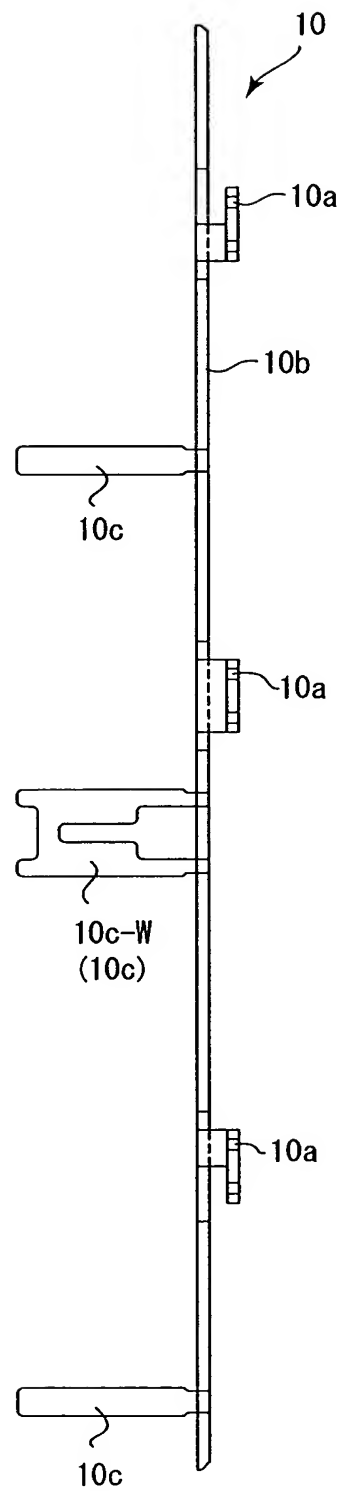
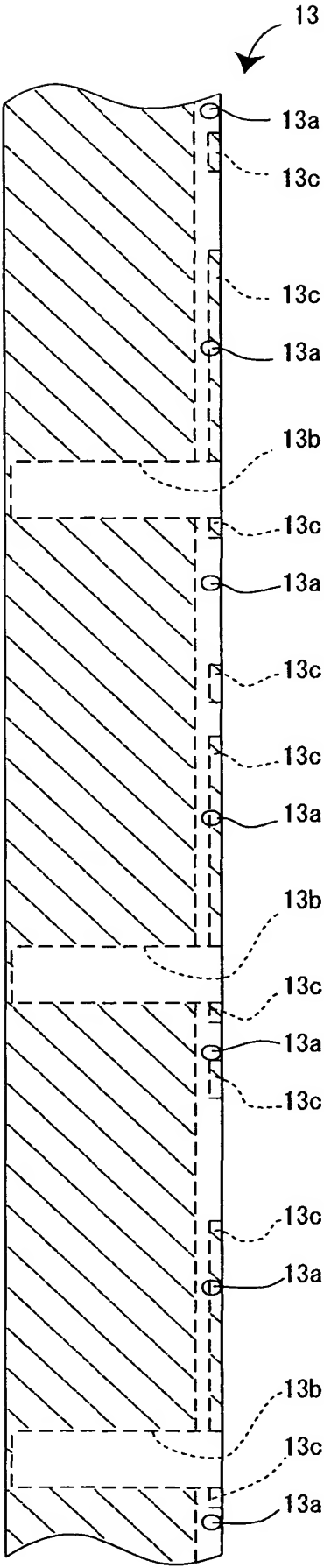


Fig. 20



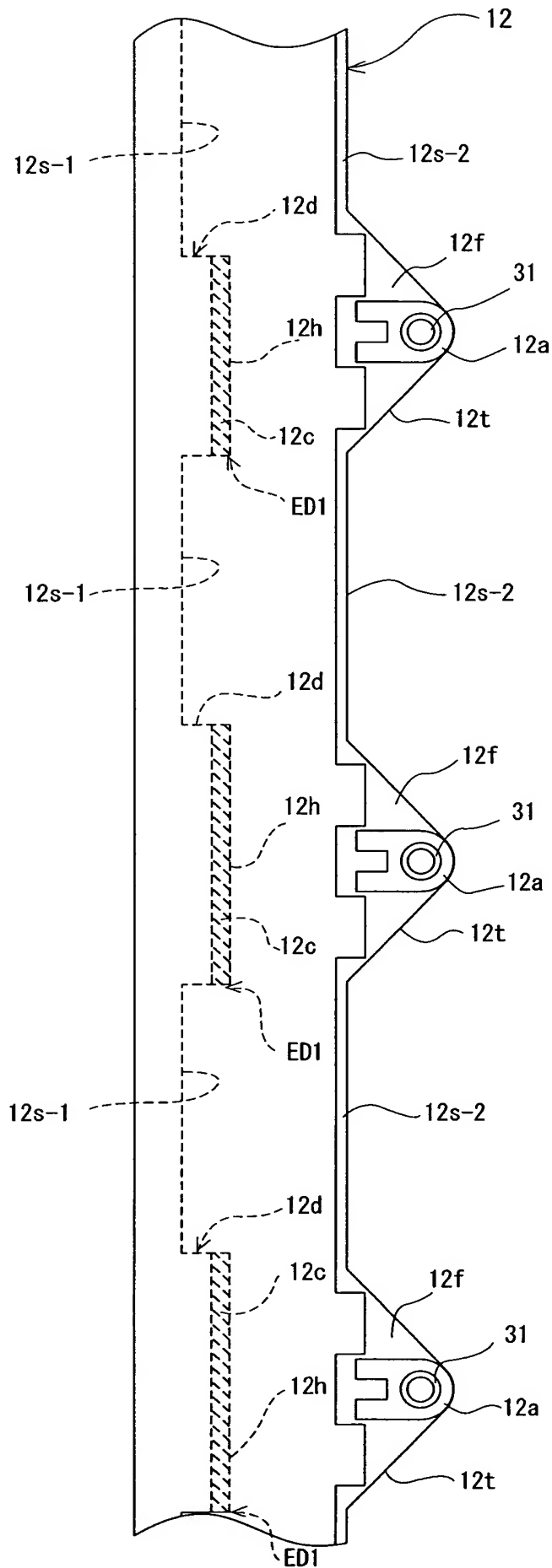


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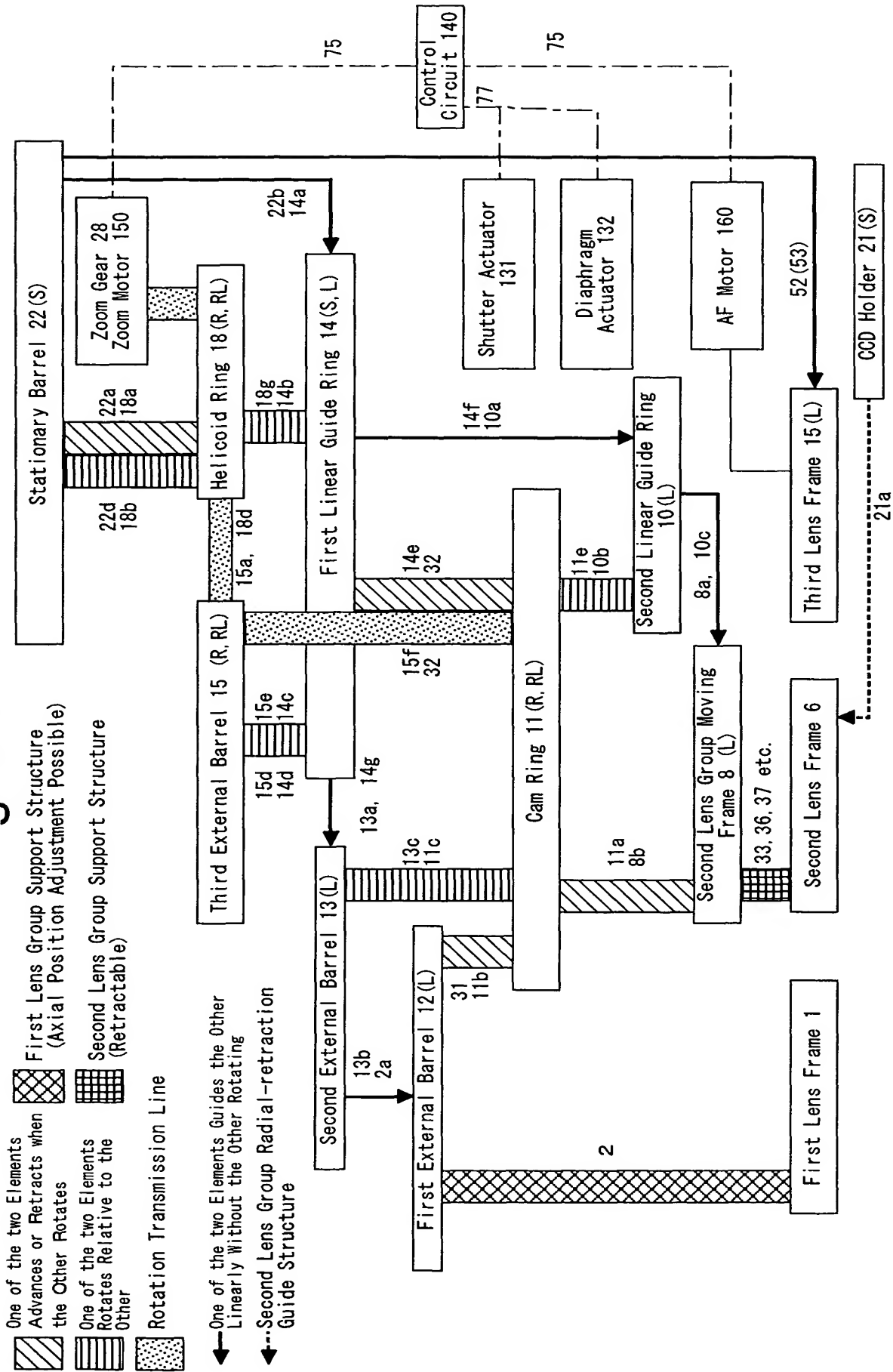


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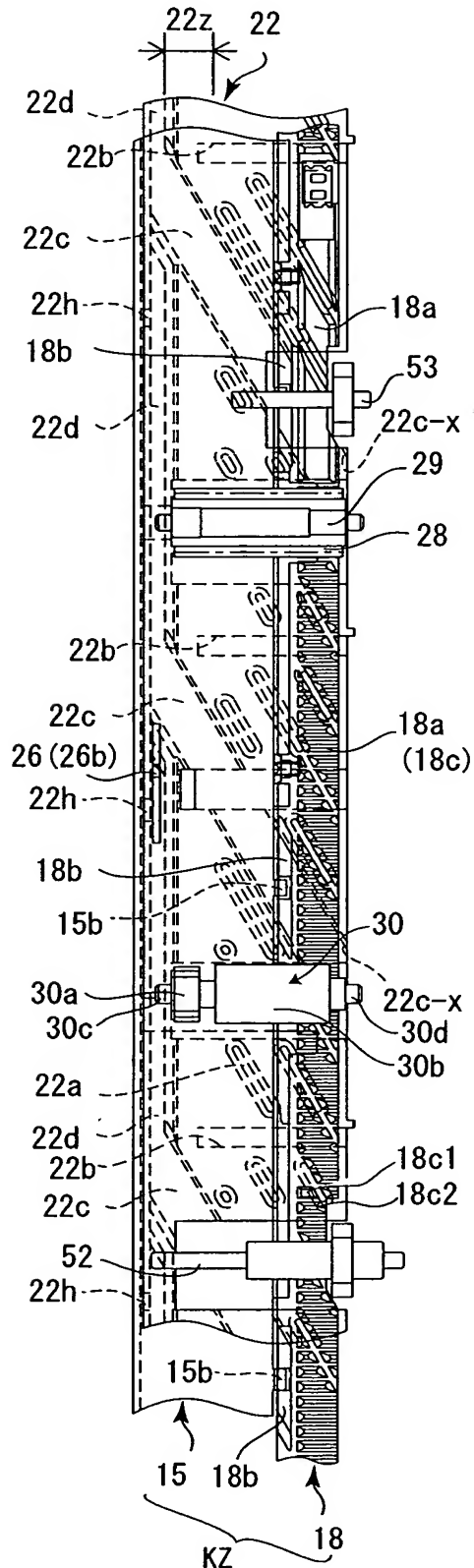


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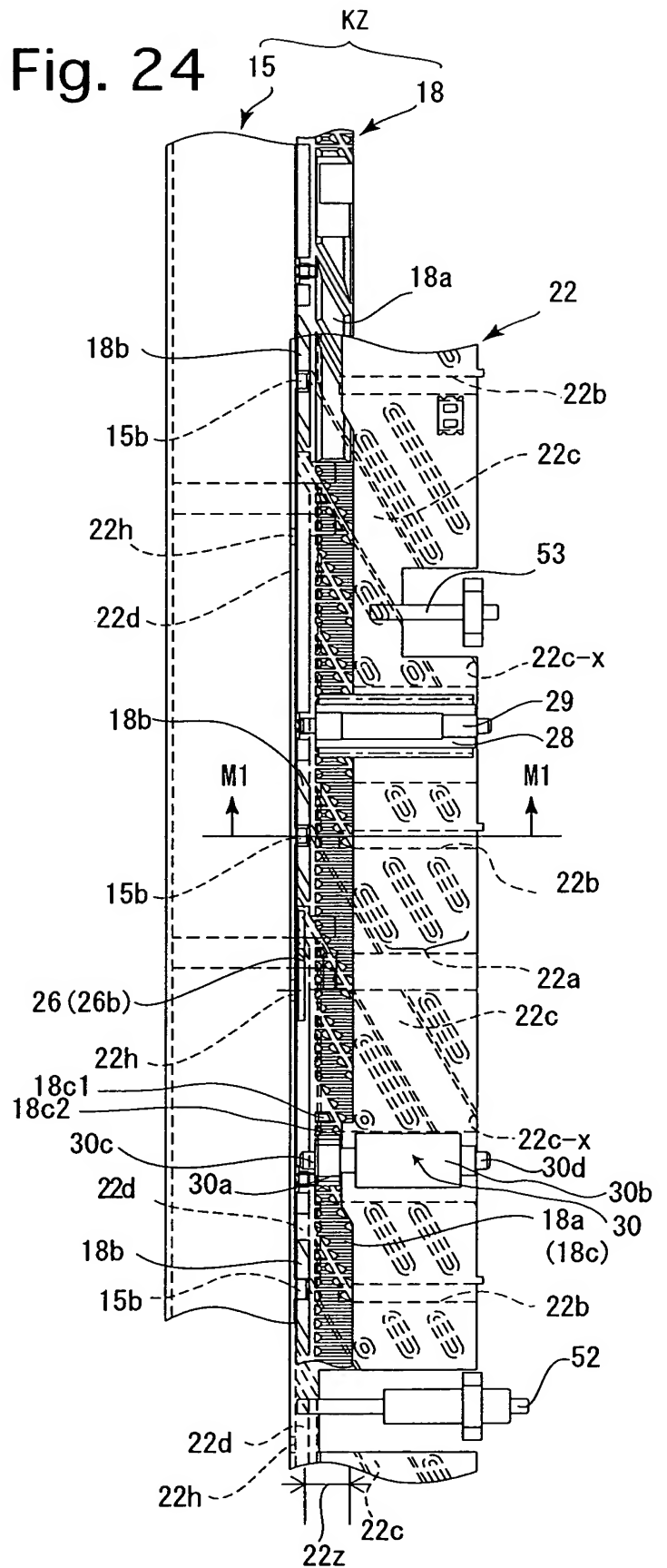


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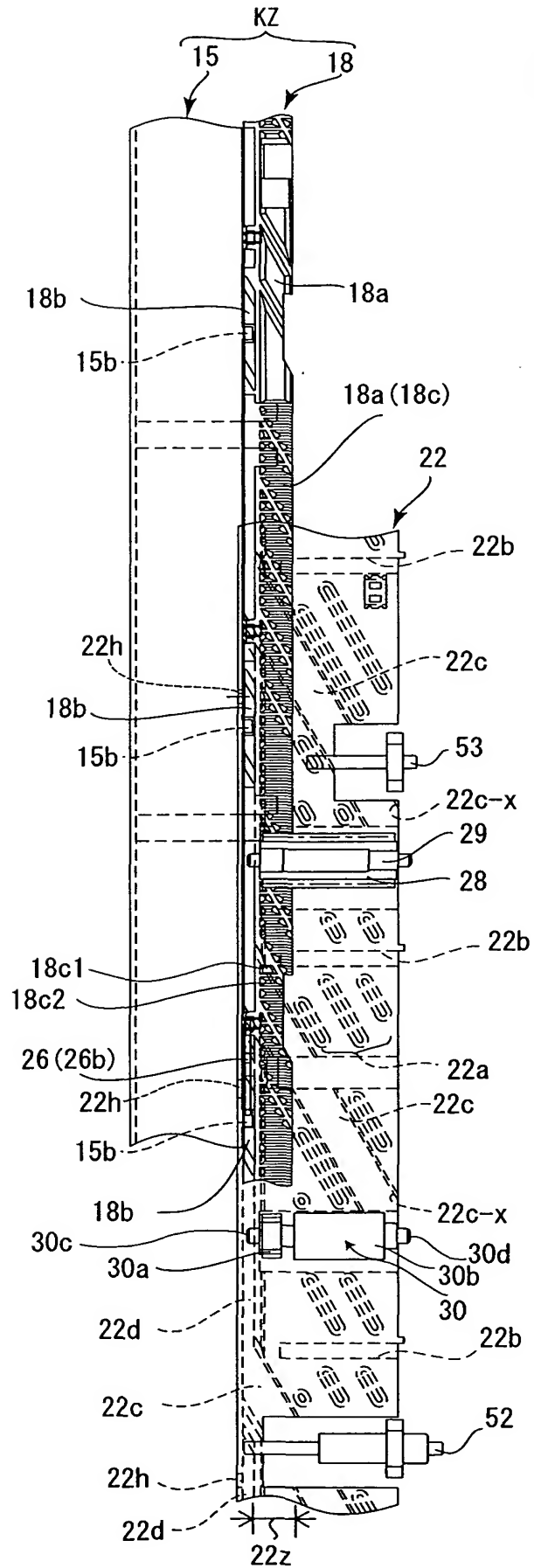


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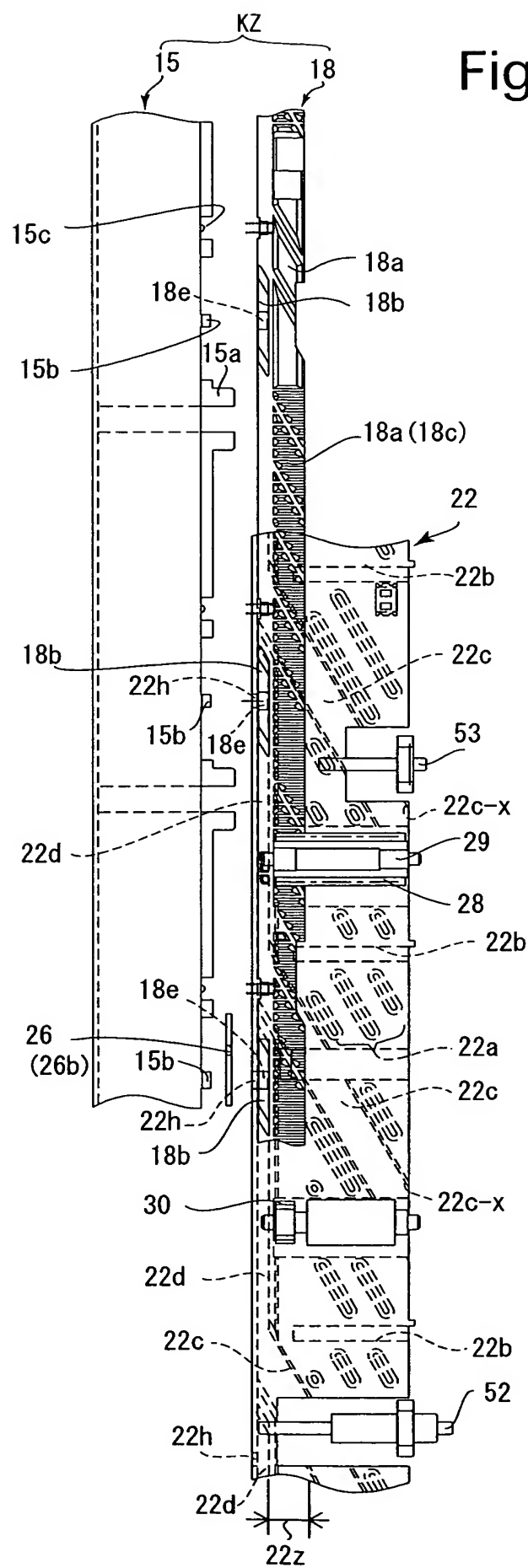


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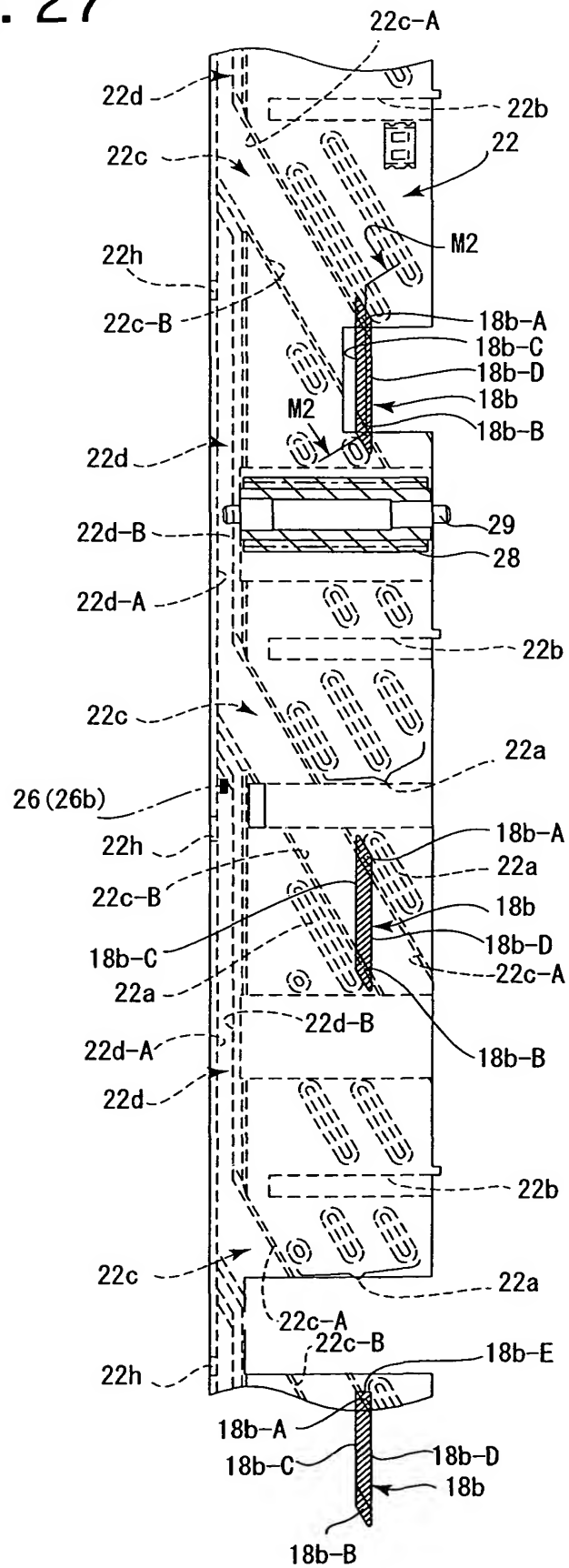


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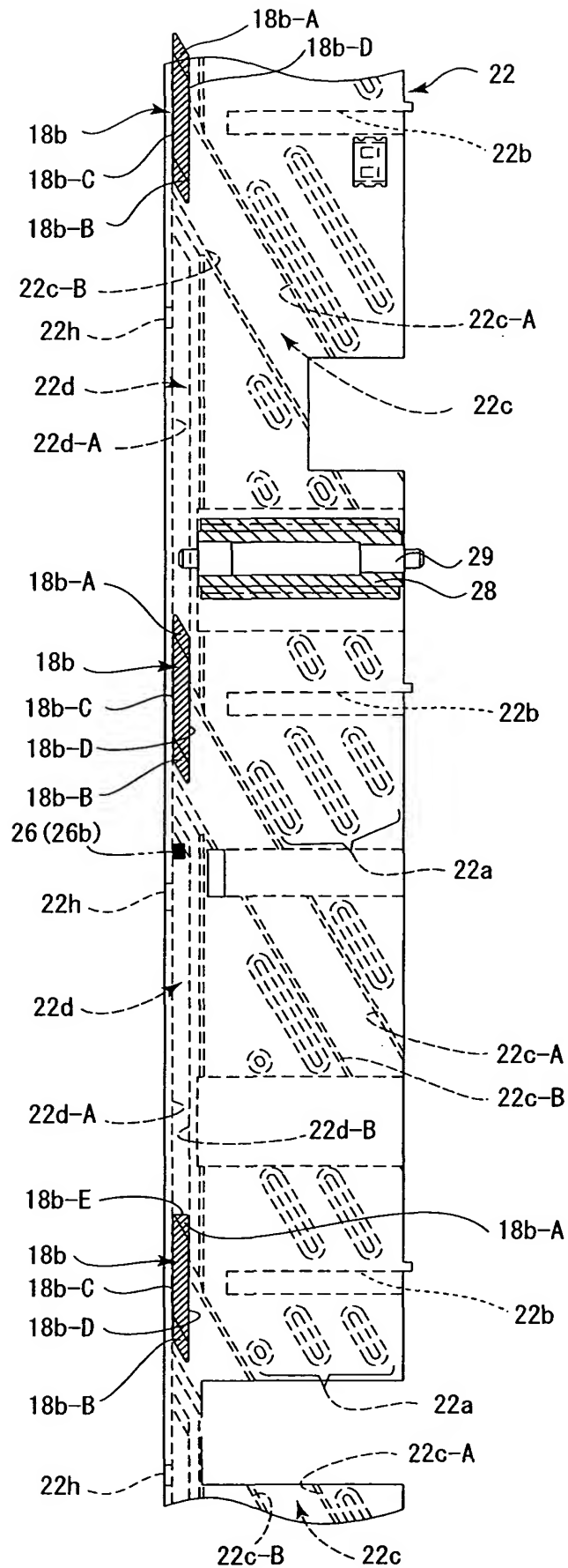


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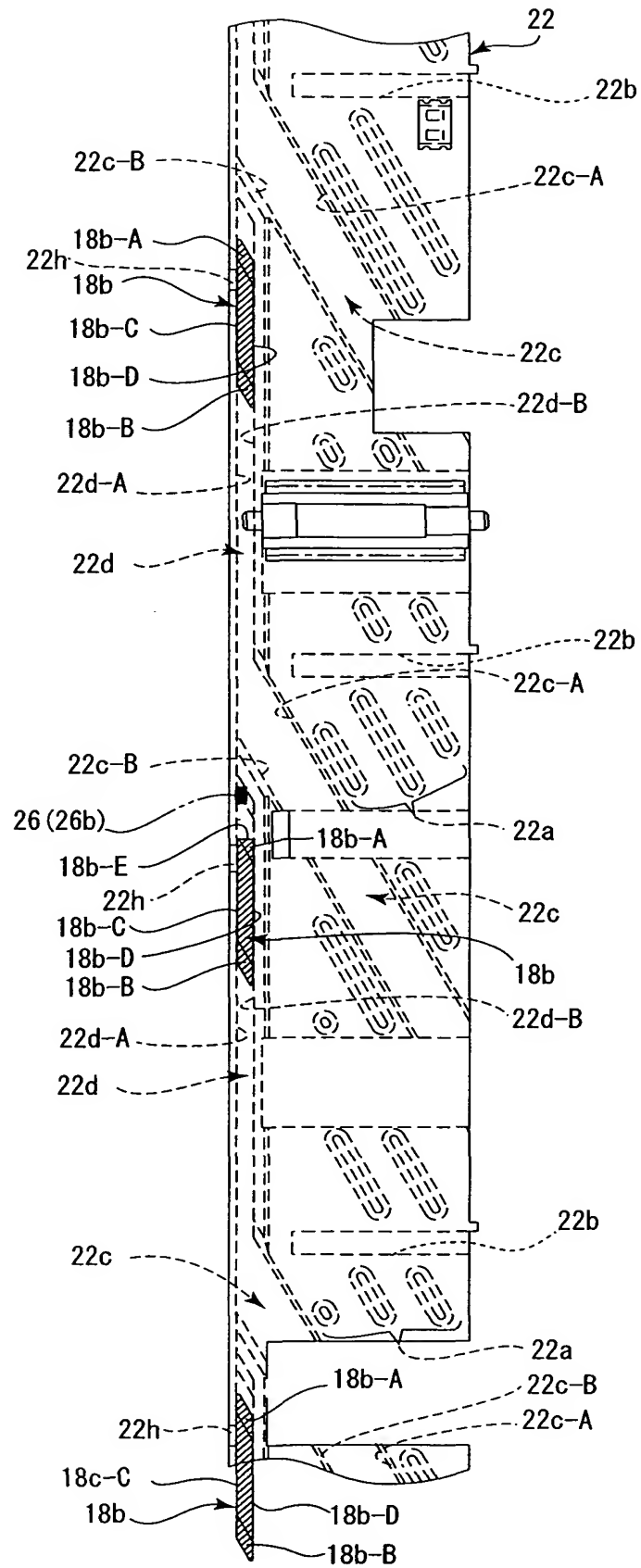


Fig. 30

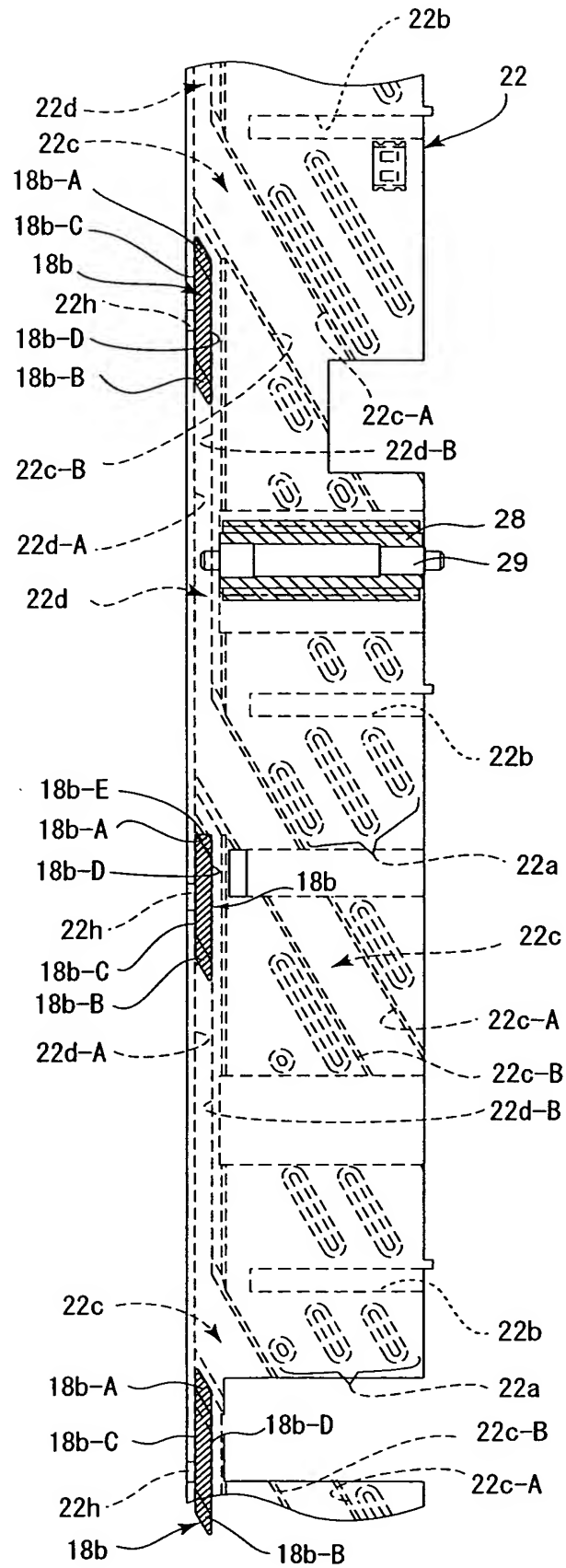


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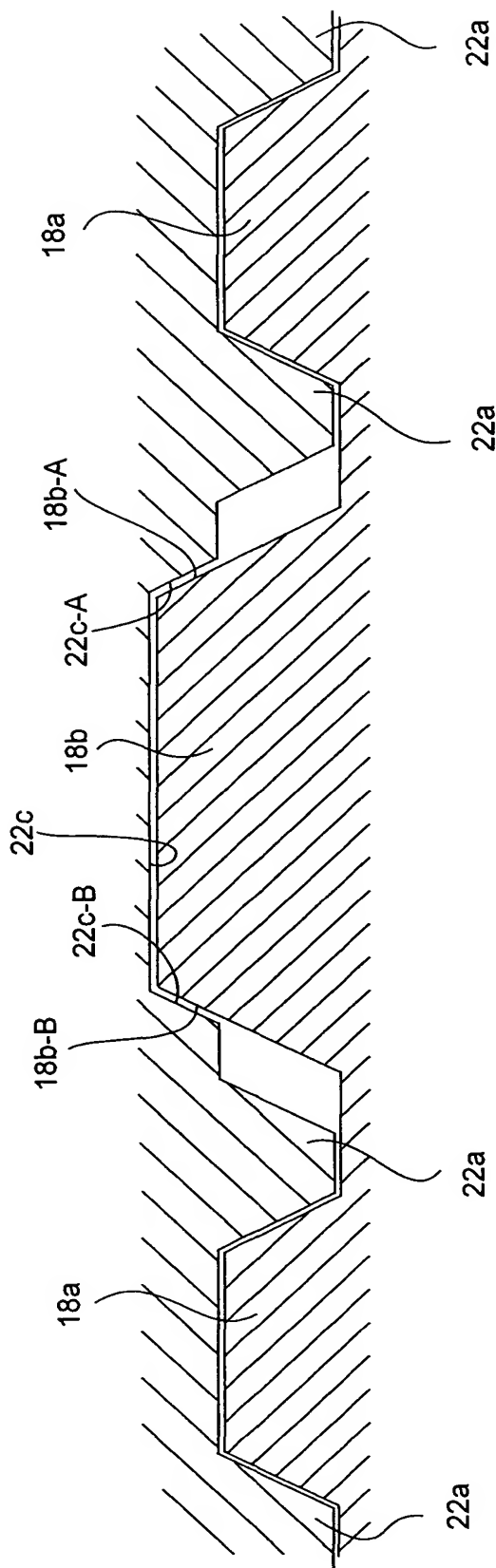
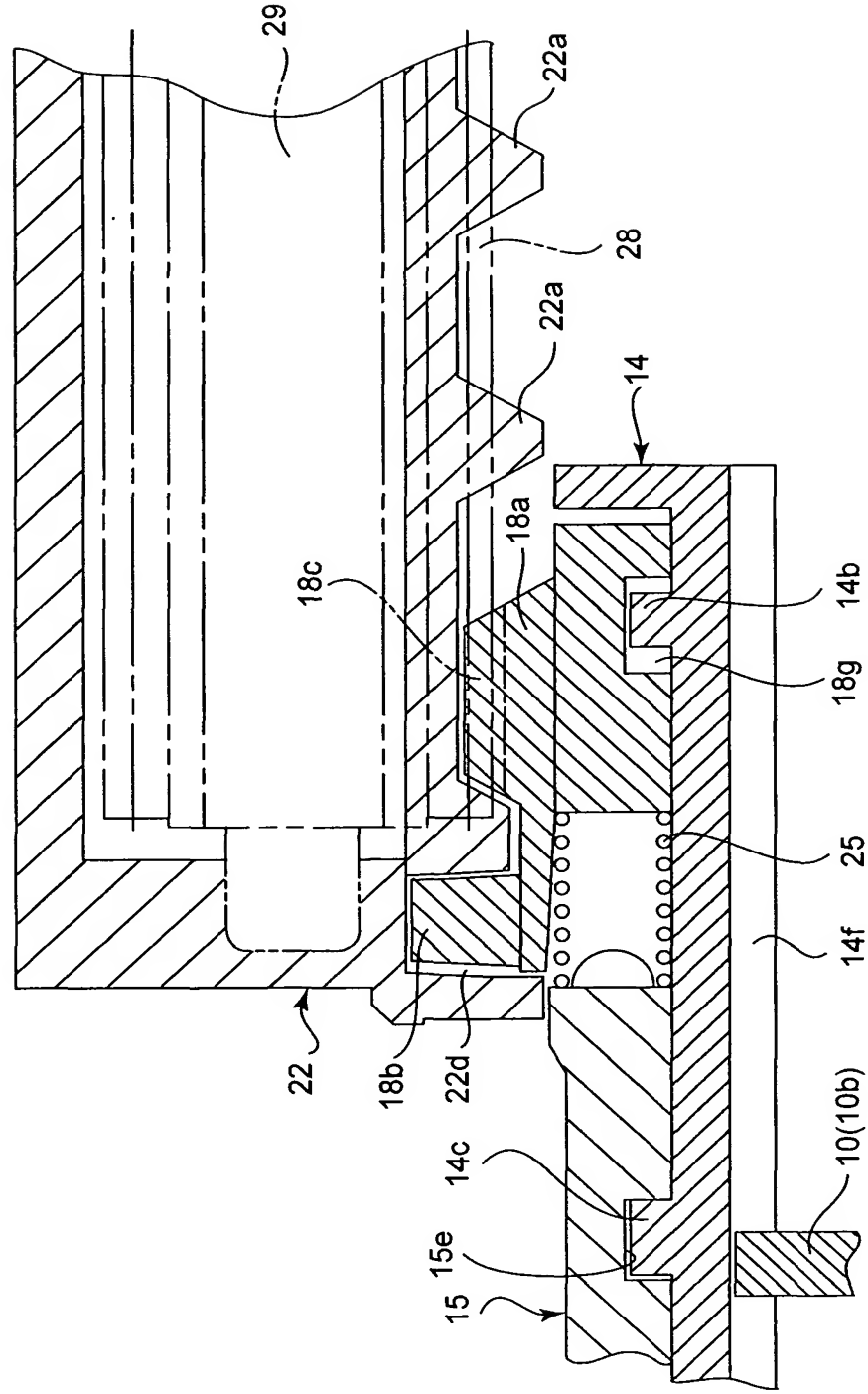


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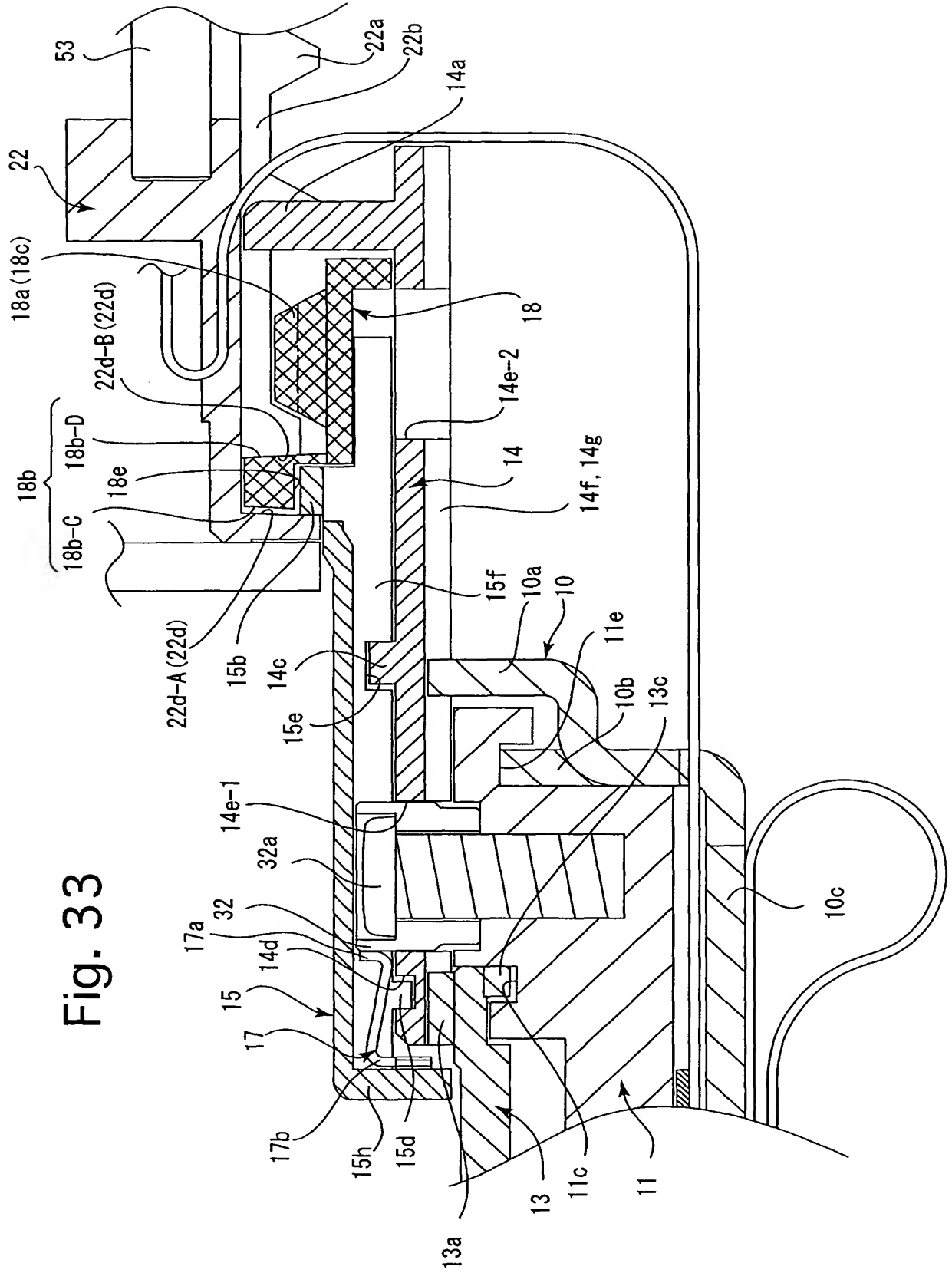
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Fig. 34

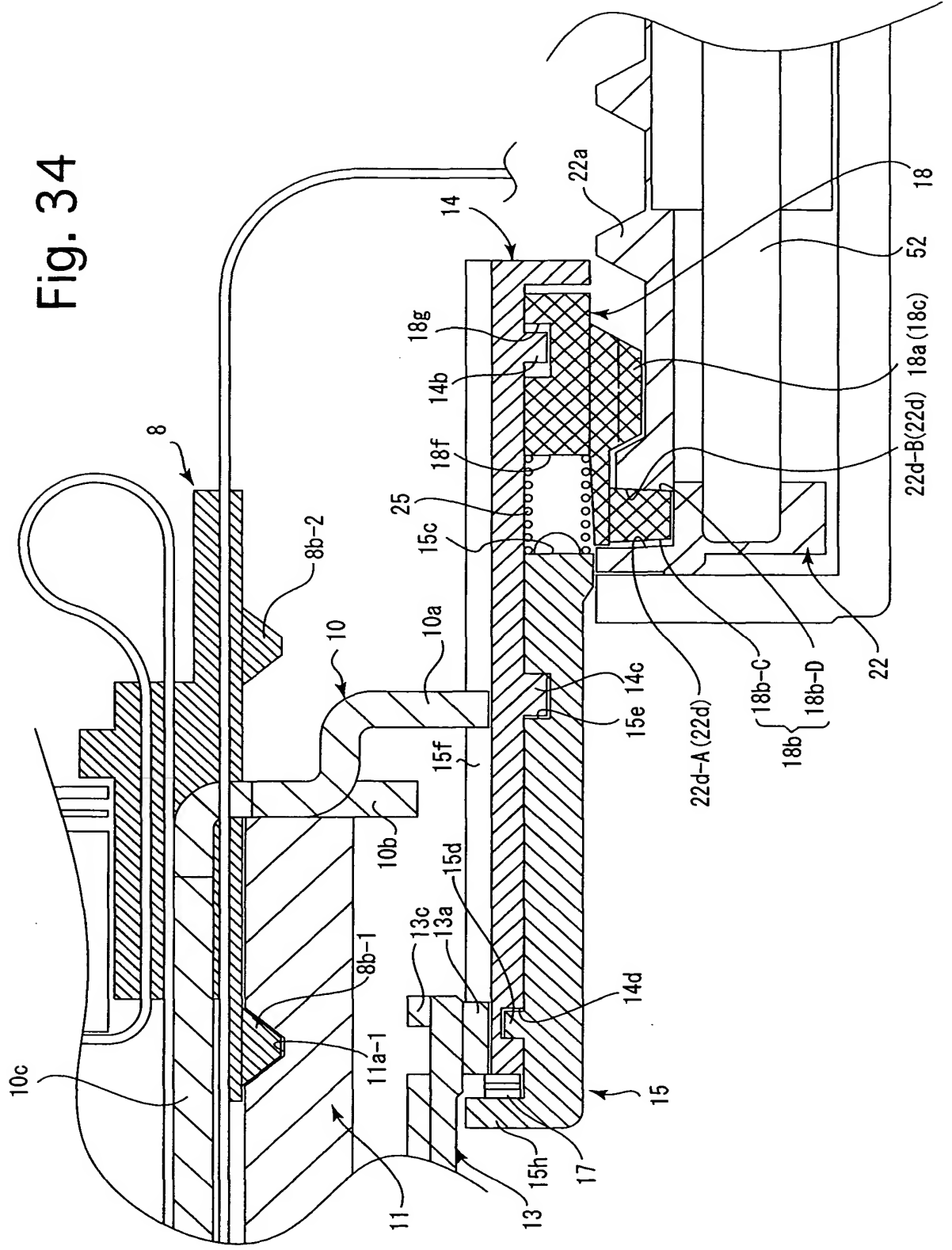


Fig. 35

This cross-sectional diagram illustrates a complex semiconductor assembly. A substrate 8 is shown at the base, featuring a top layer 8b-1 and a bottom layer 8b-2. On the substrate, there are several rectangular regions labeled 11a-1, 11a-2, 11c, and 11e. A central vertical stack includes layers 10a, 10b, and 10c. To the left of this stack, a series of layers are labeled 12, 13, 14a, 14b, 14c, 14d, 14e-1, 14e-2, 15, 15a, 15b, 15c, 15d, 15e, 15f, 16, 17, 17a, 17b, 18, 18a(18c), 18b-C, 18b-D, and 19. The diagram uses various hatching patterns to distinguish between different materials or layers.

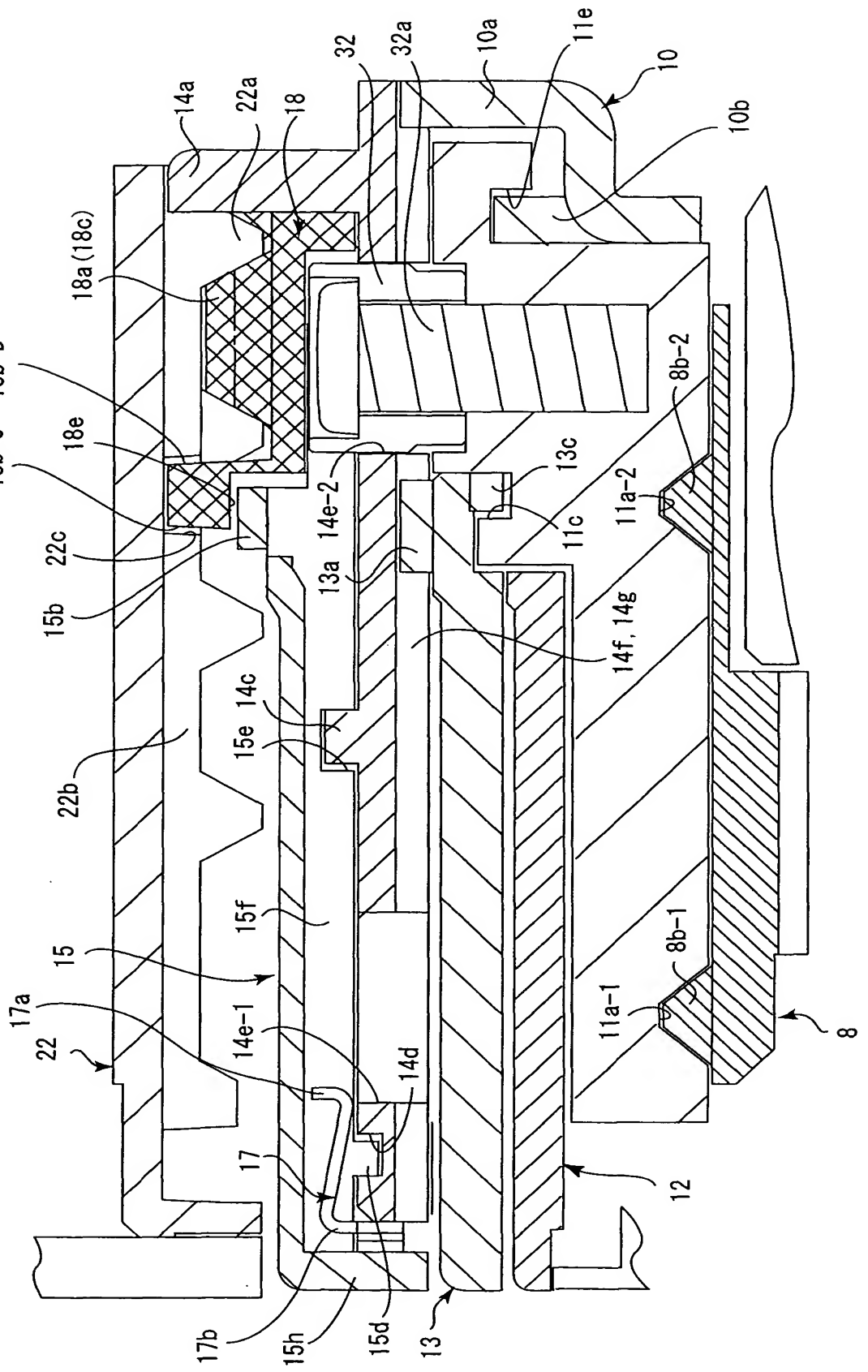


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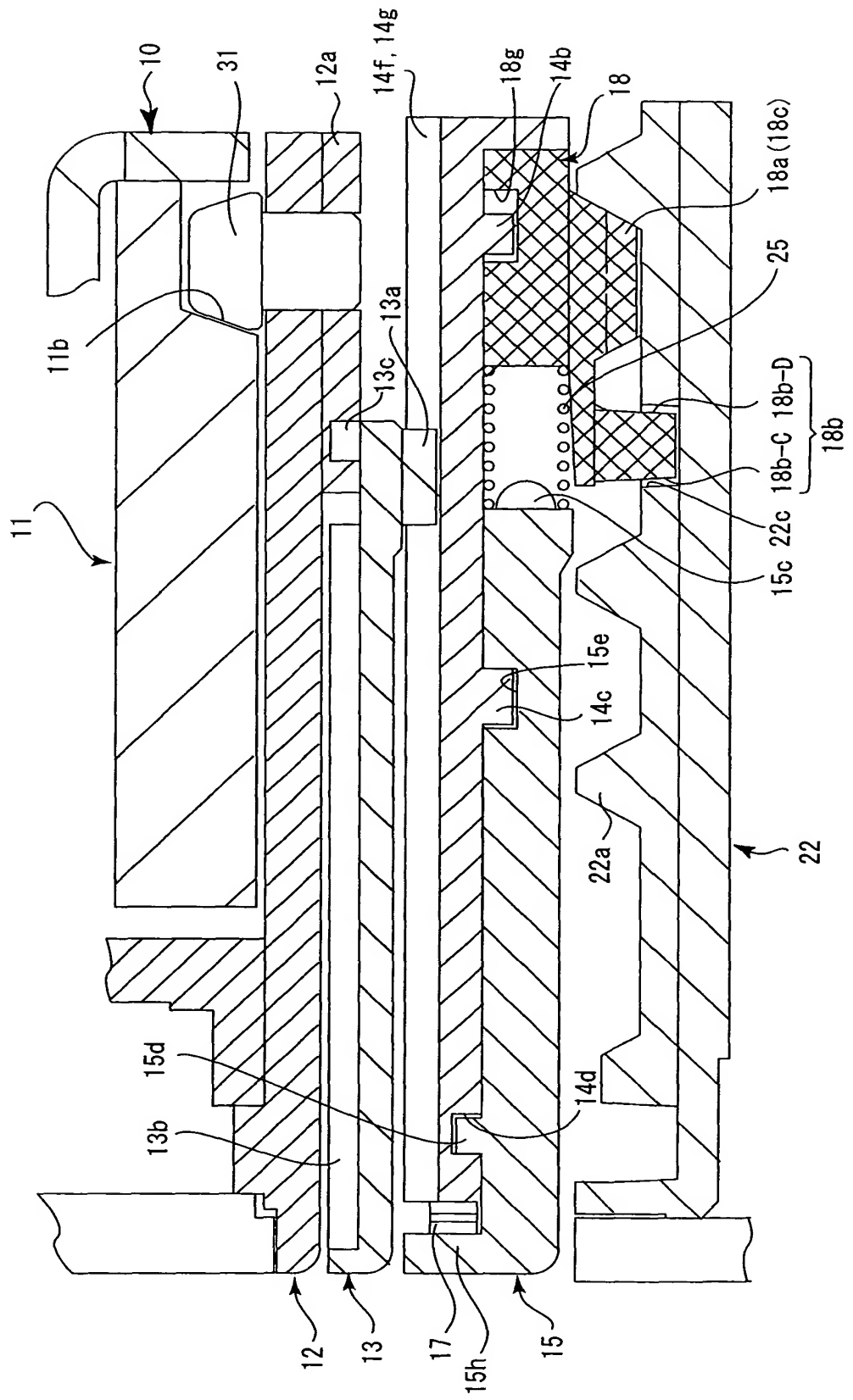


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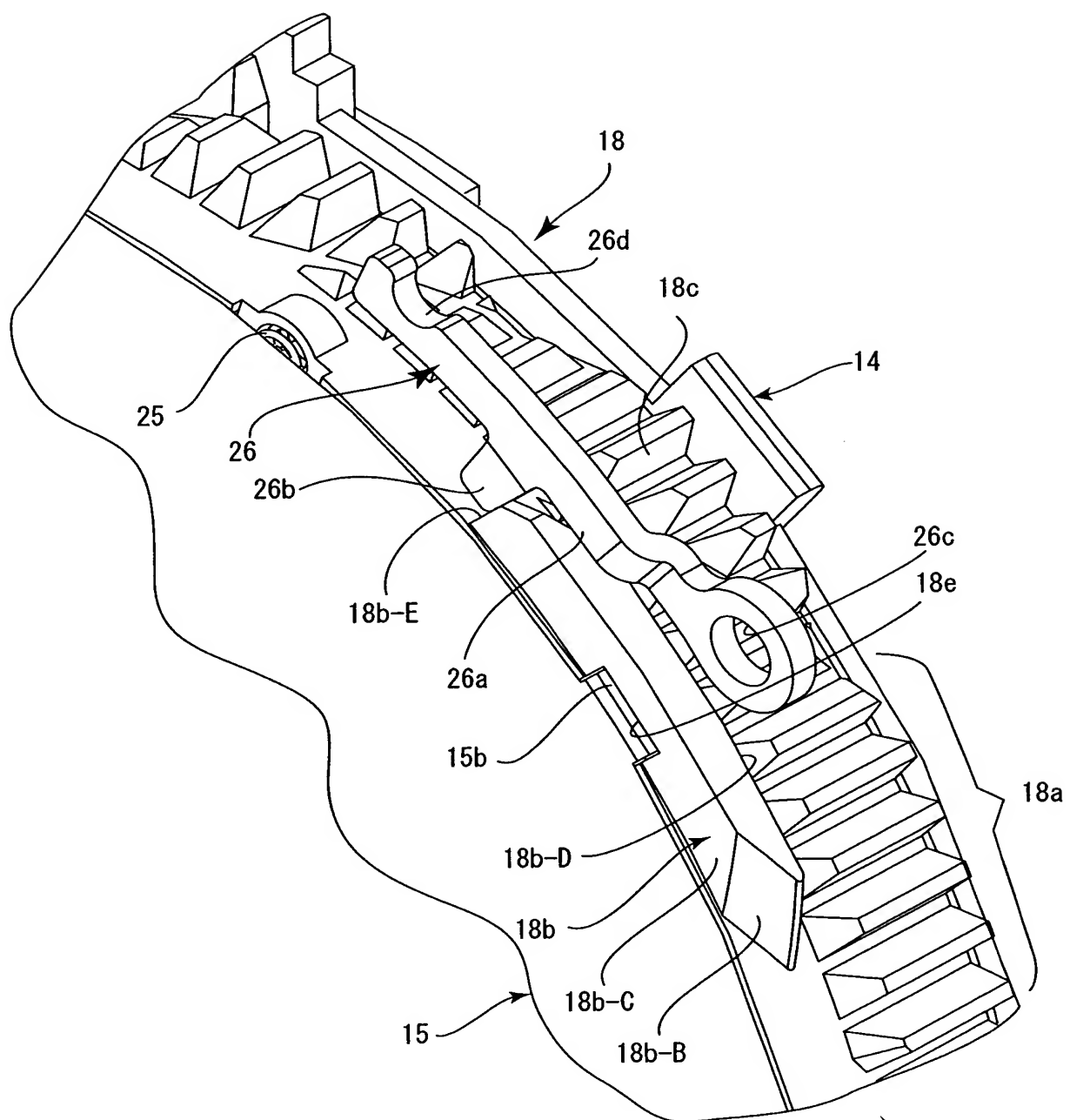


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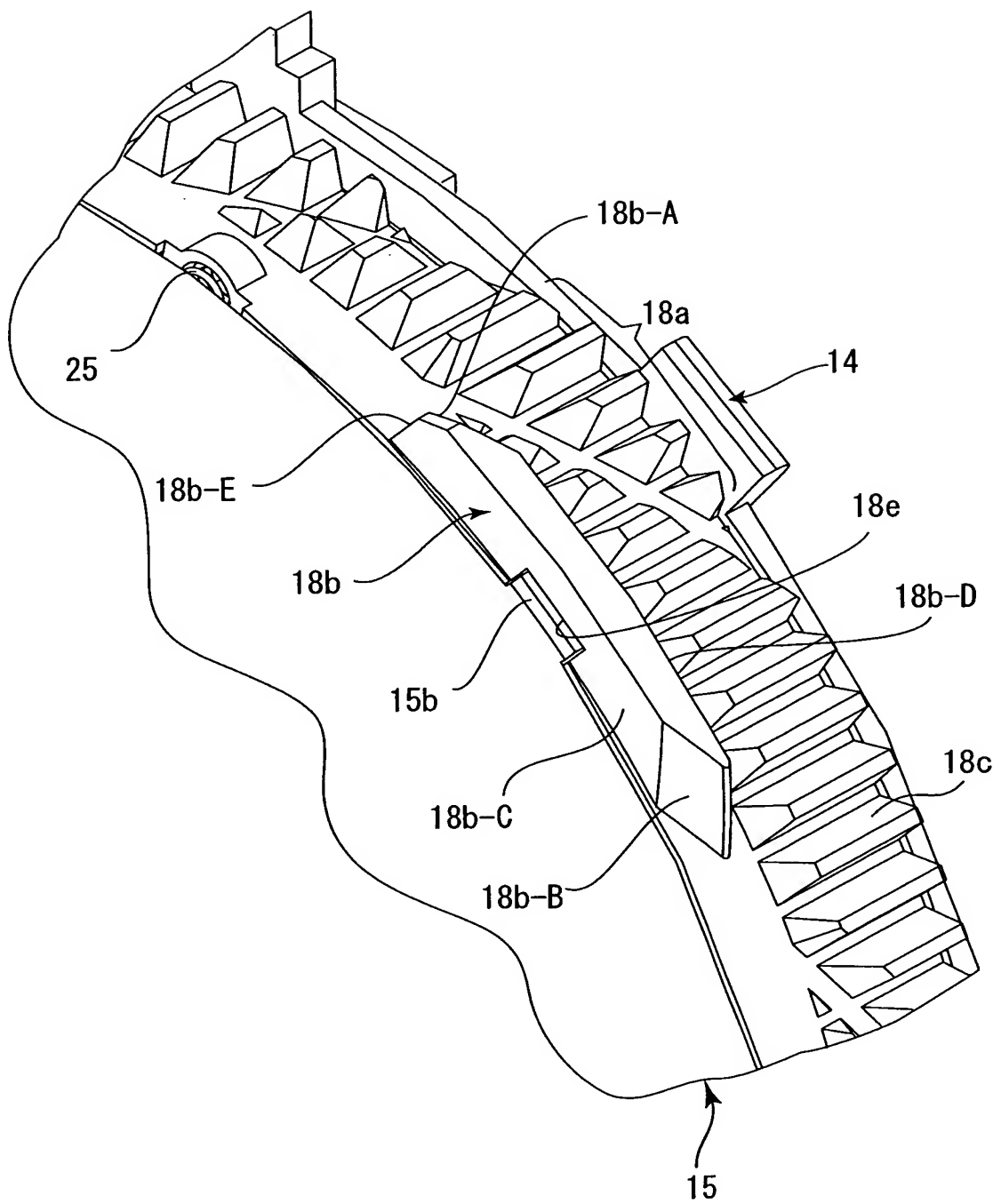


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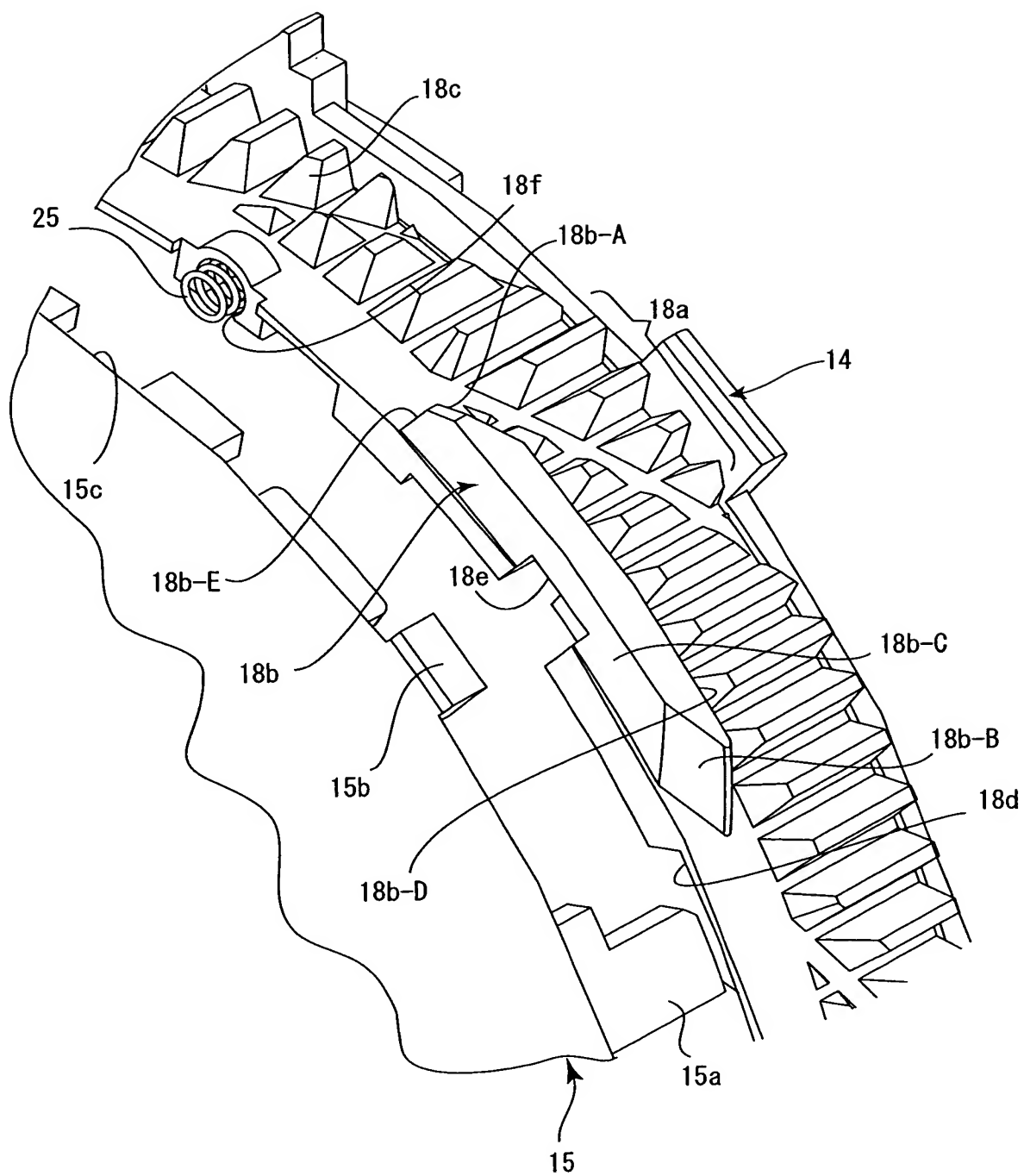


Fig . 40

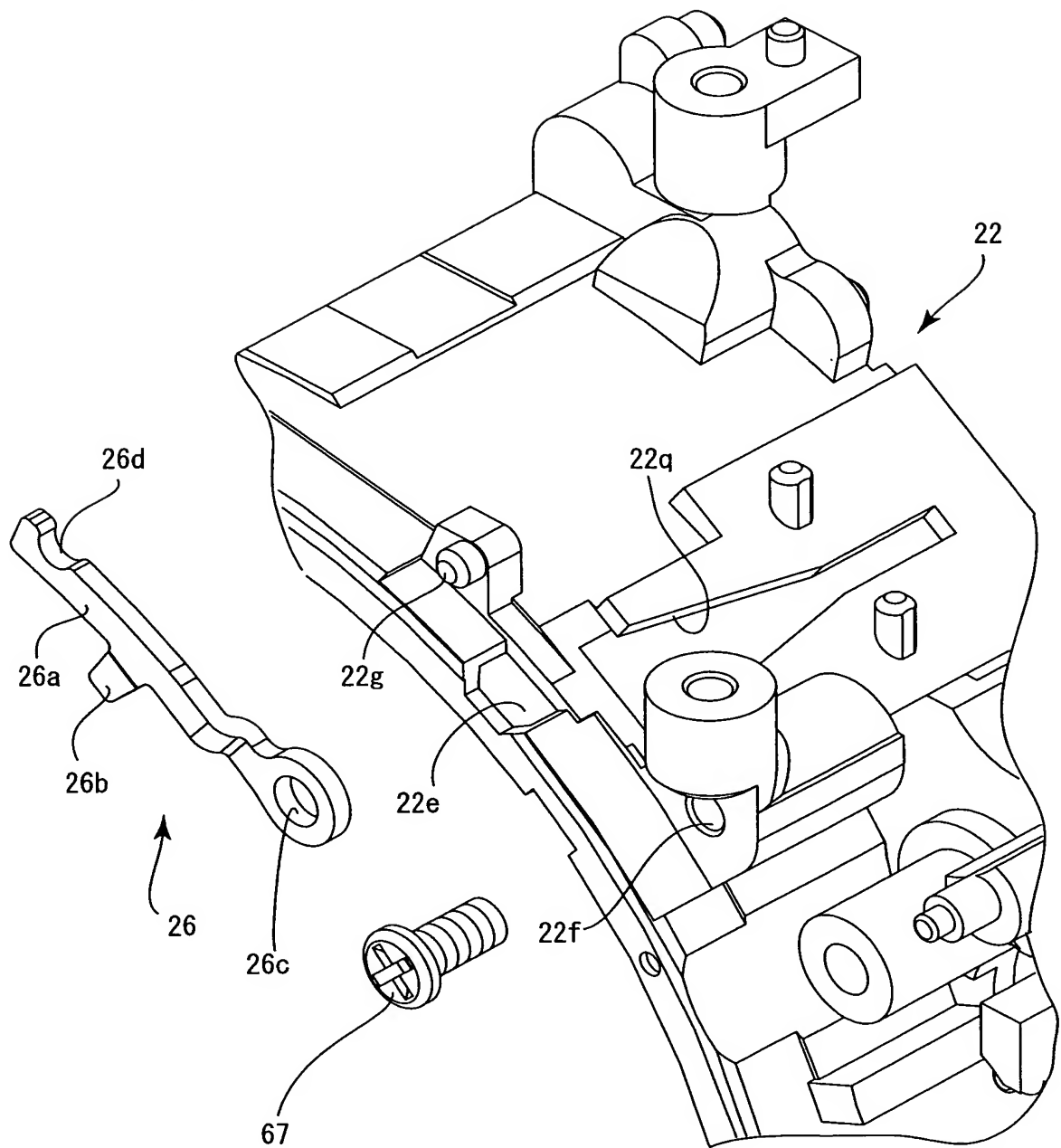


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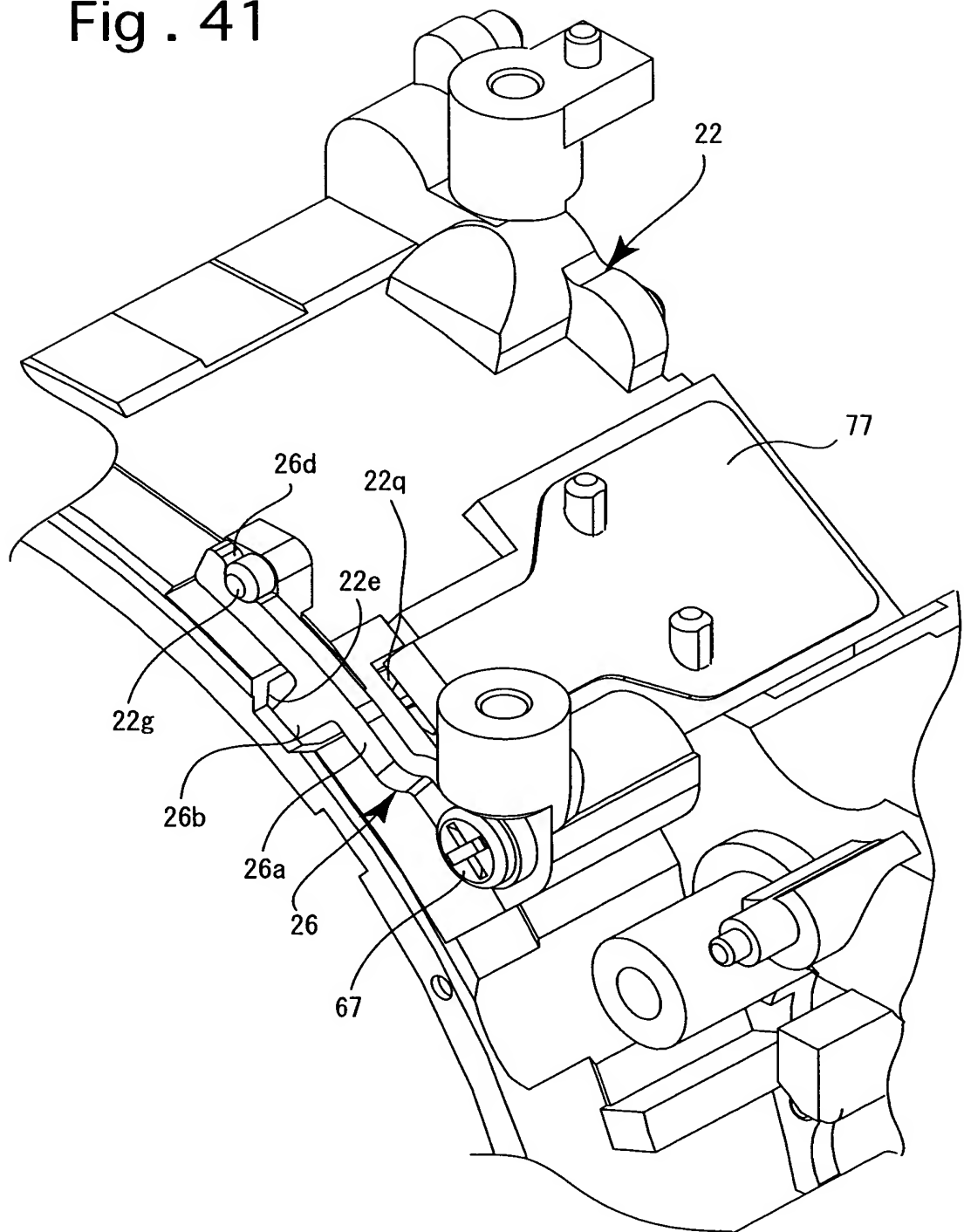


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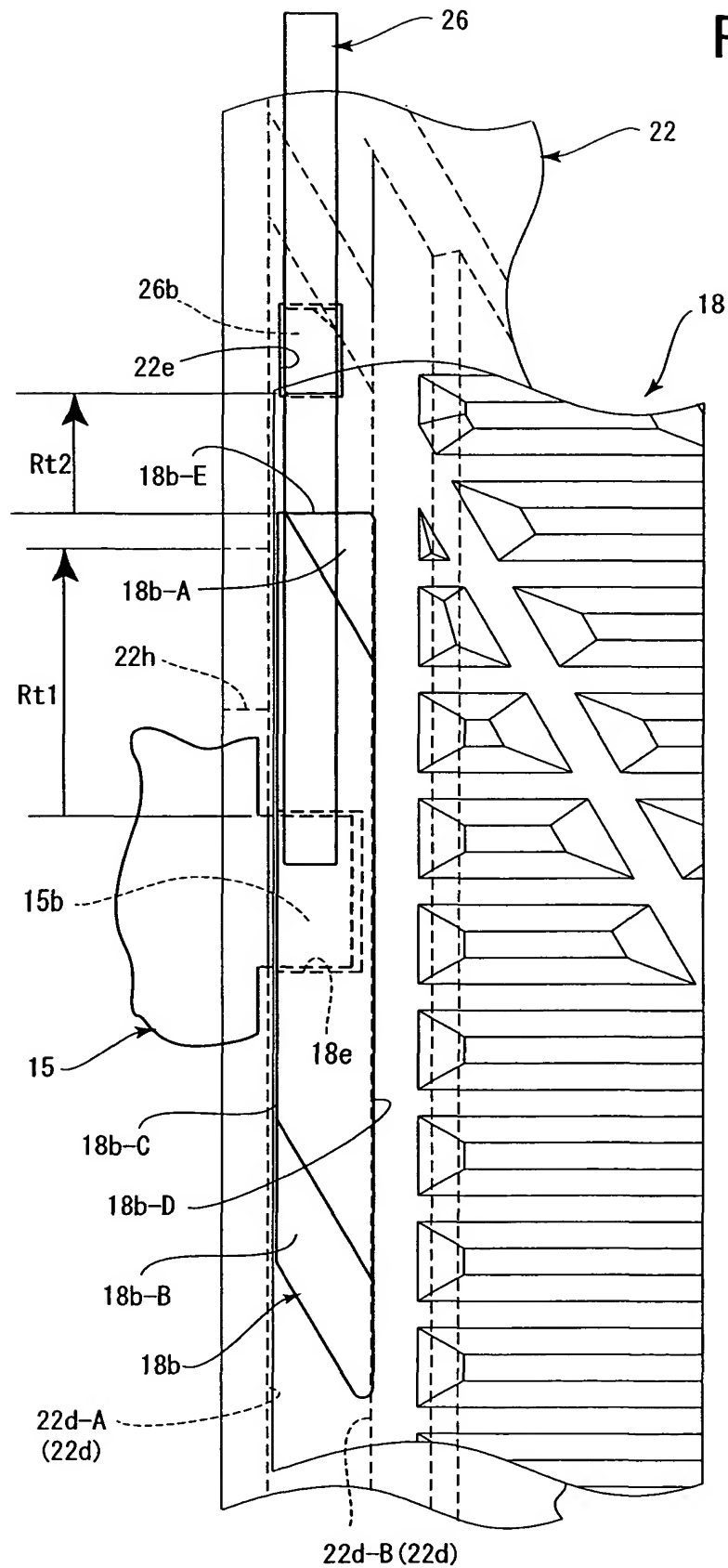


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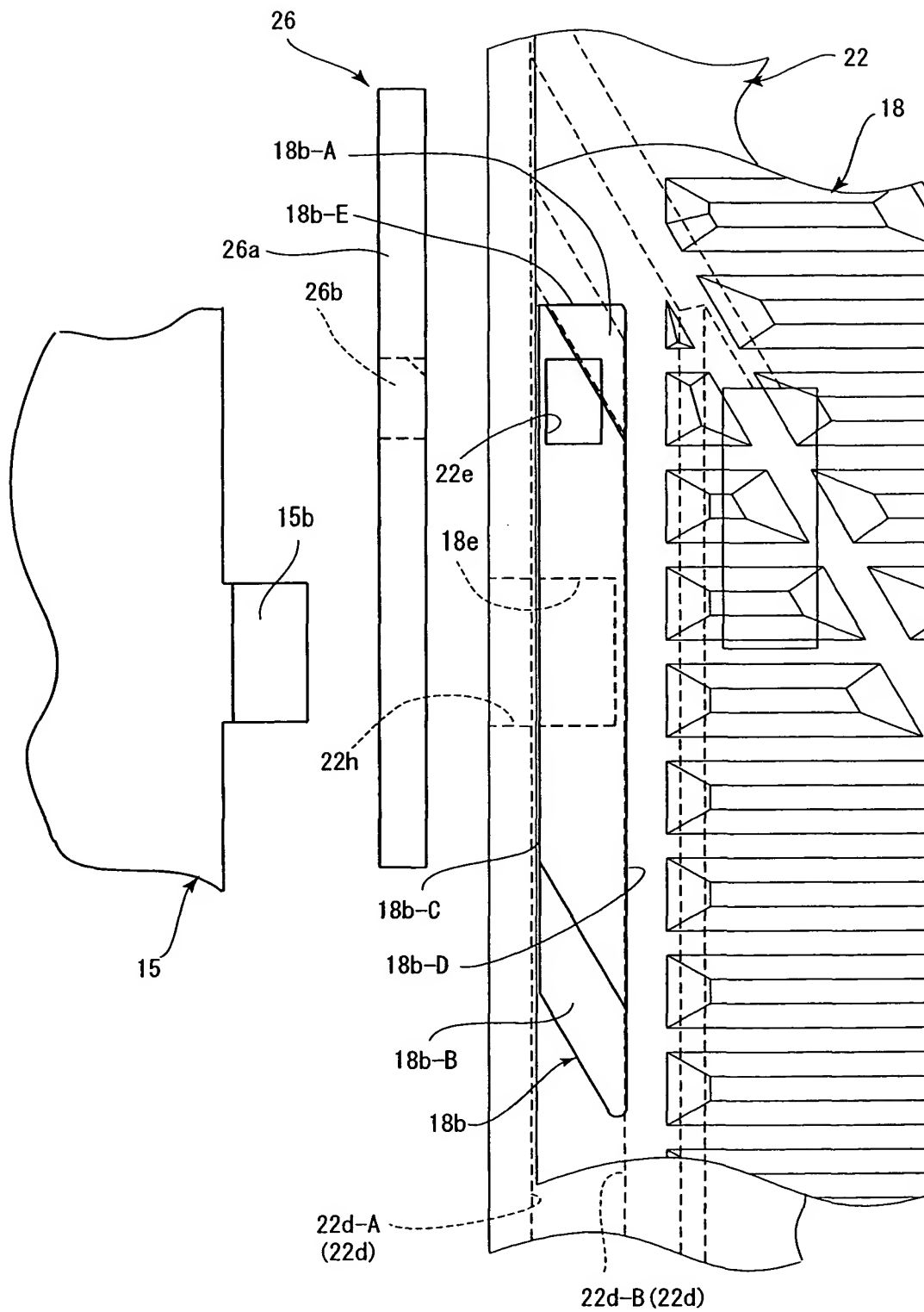


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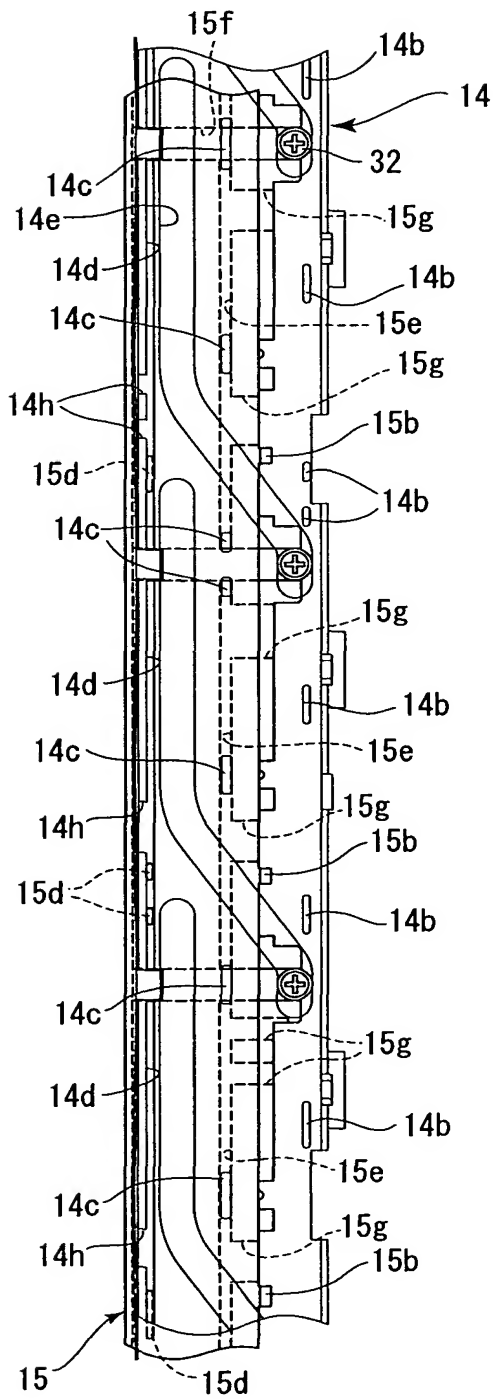


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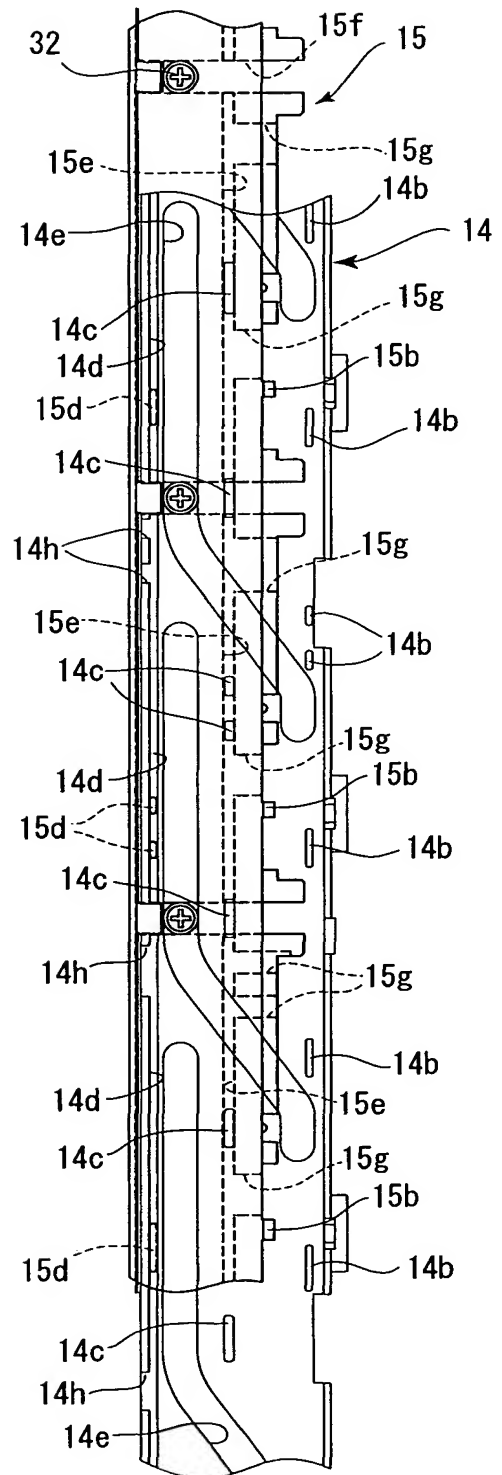


Fig. 46

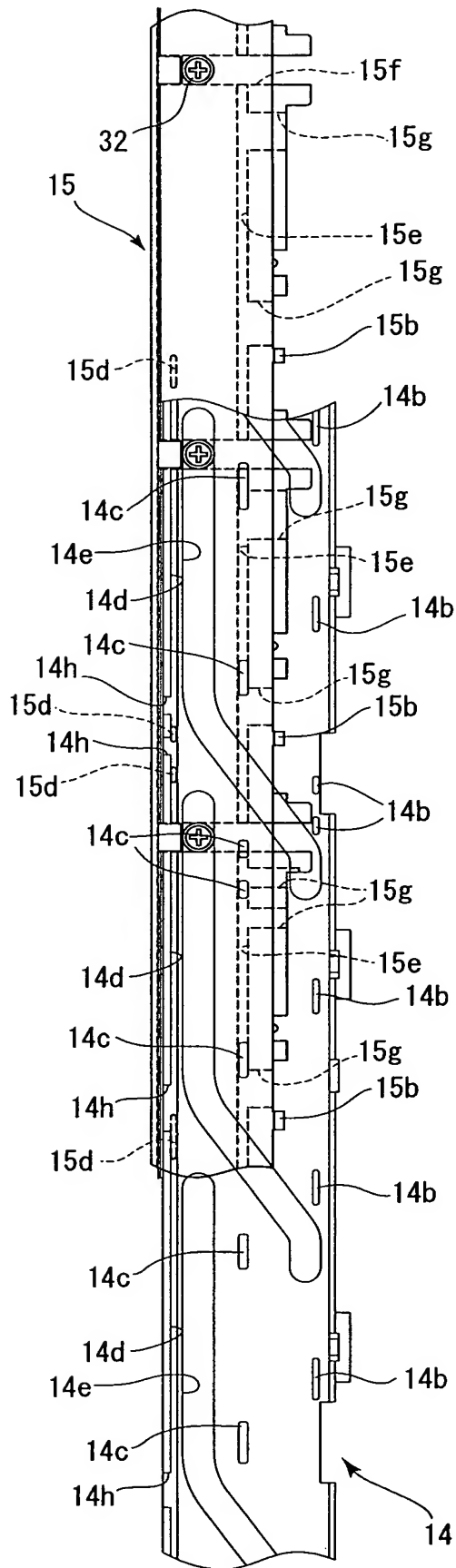


Fig. 47

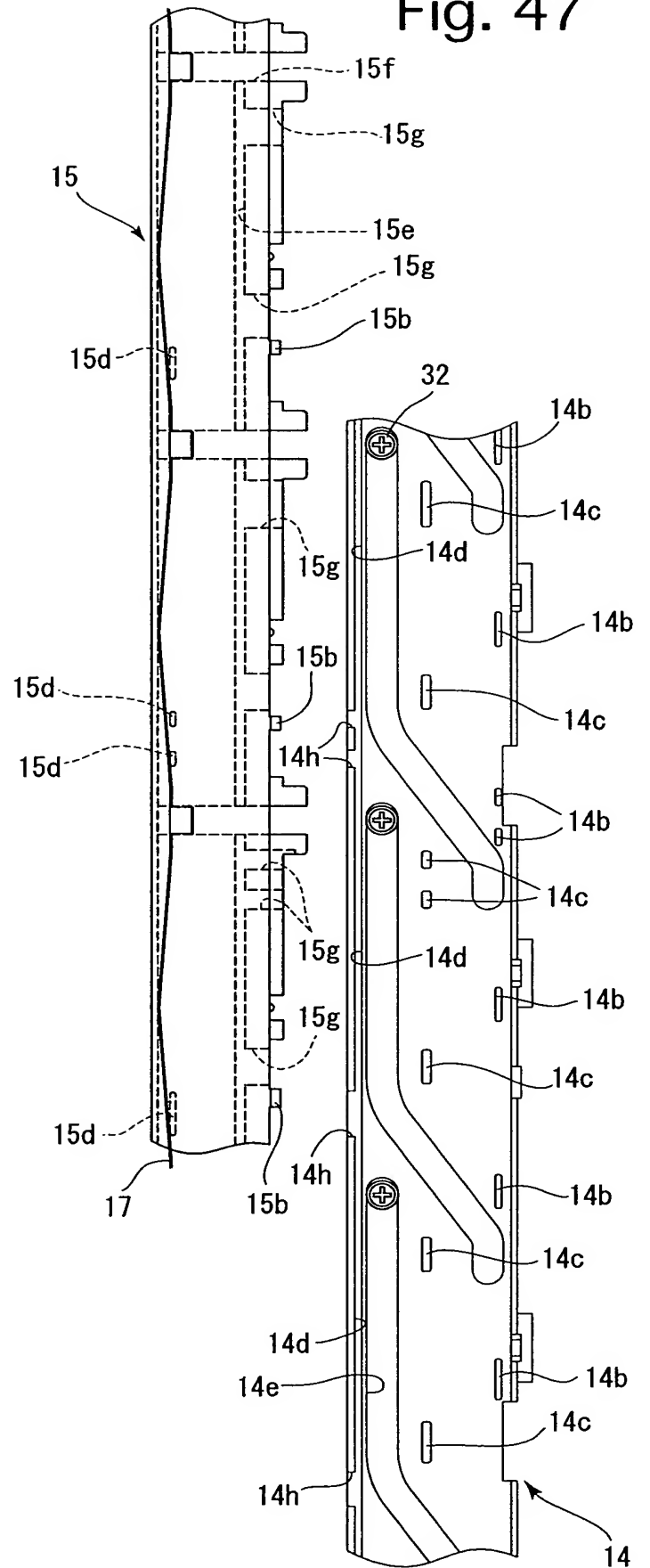


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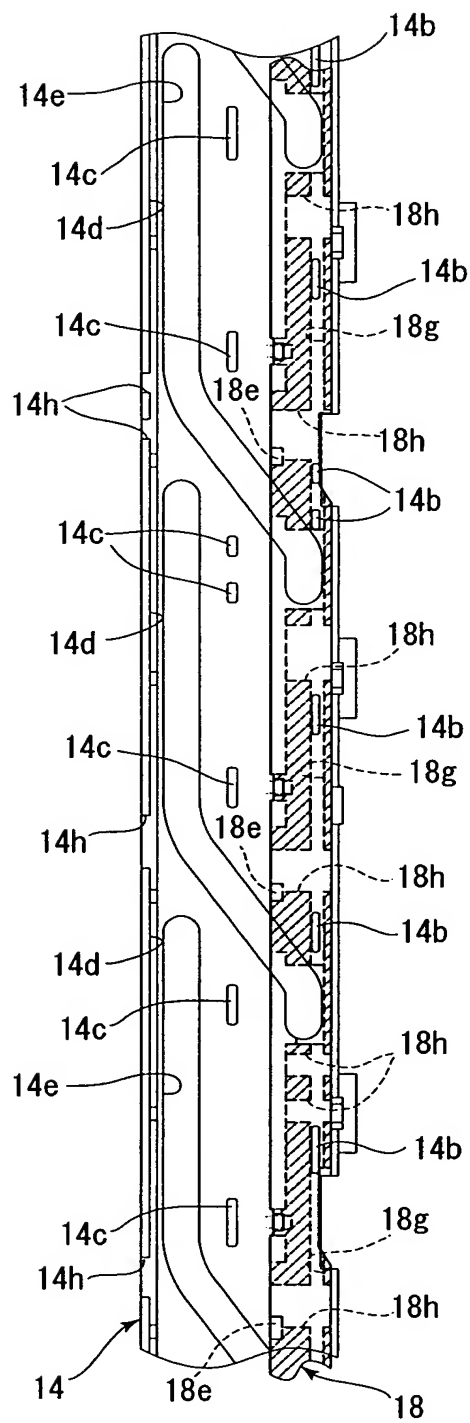


Fig. 49

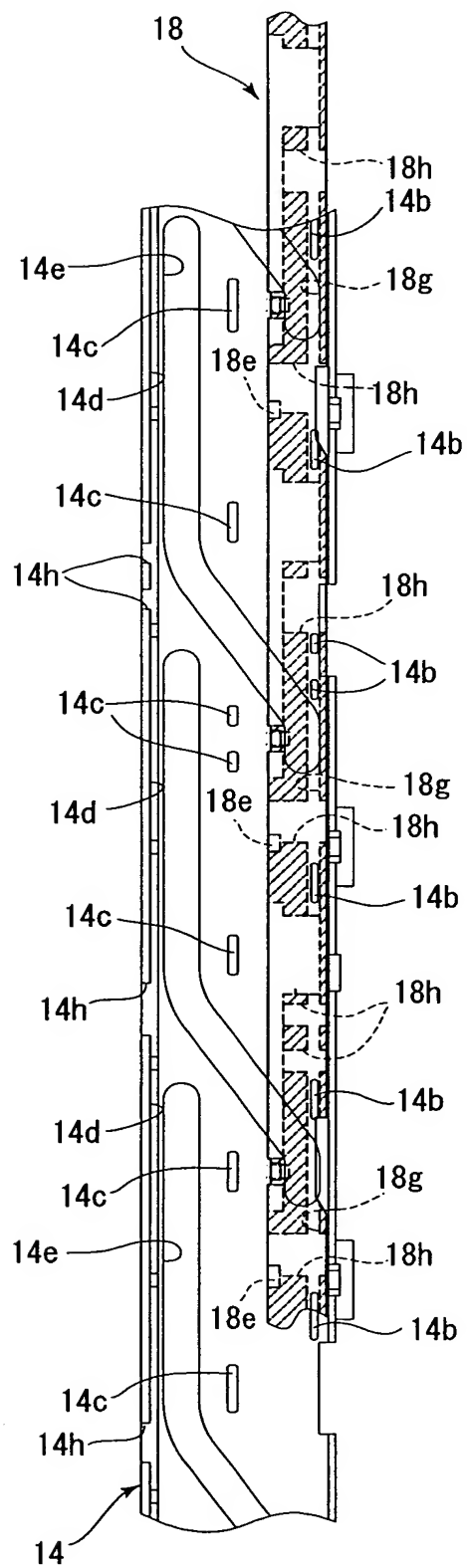


Fig. 50

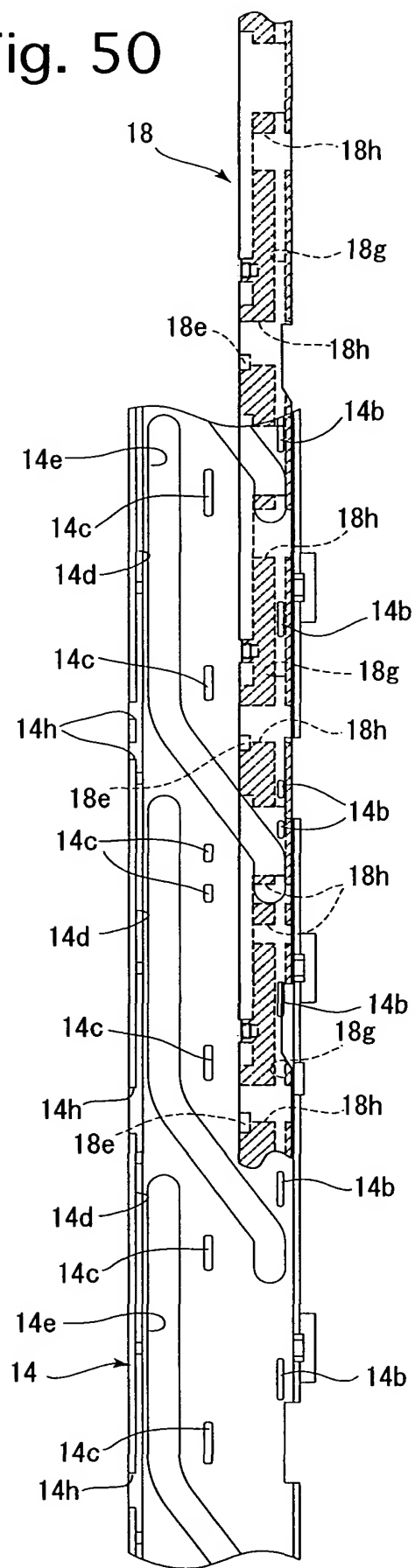


Fig. 51

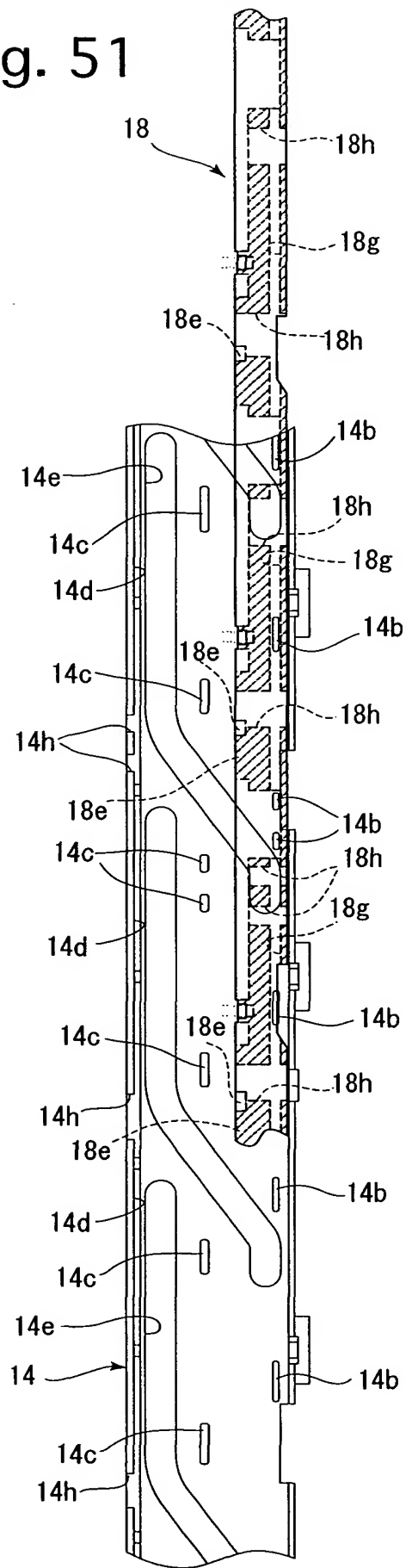


Fig. 52

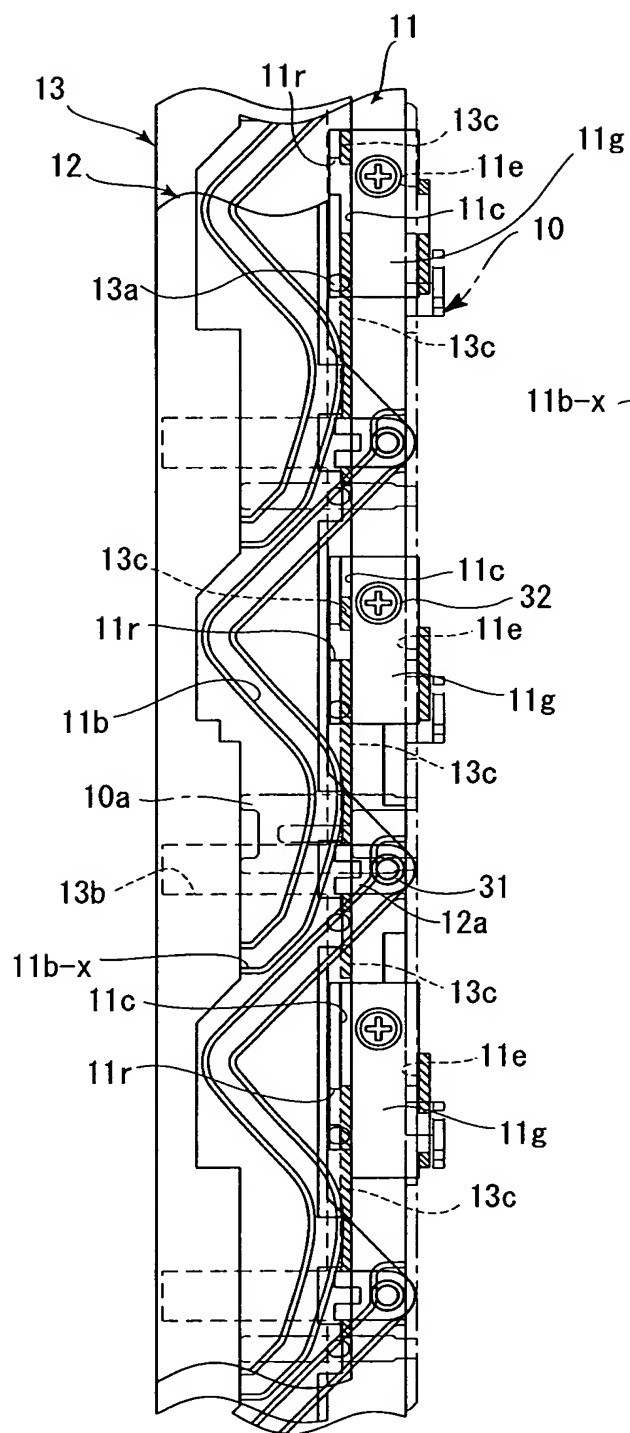


Fig. 53

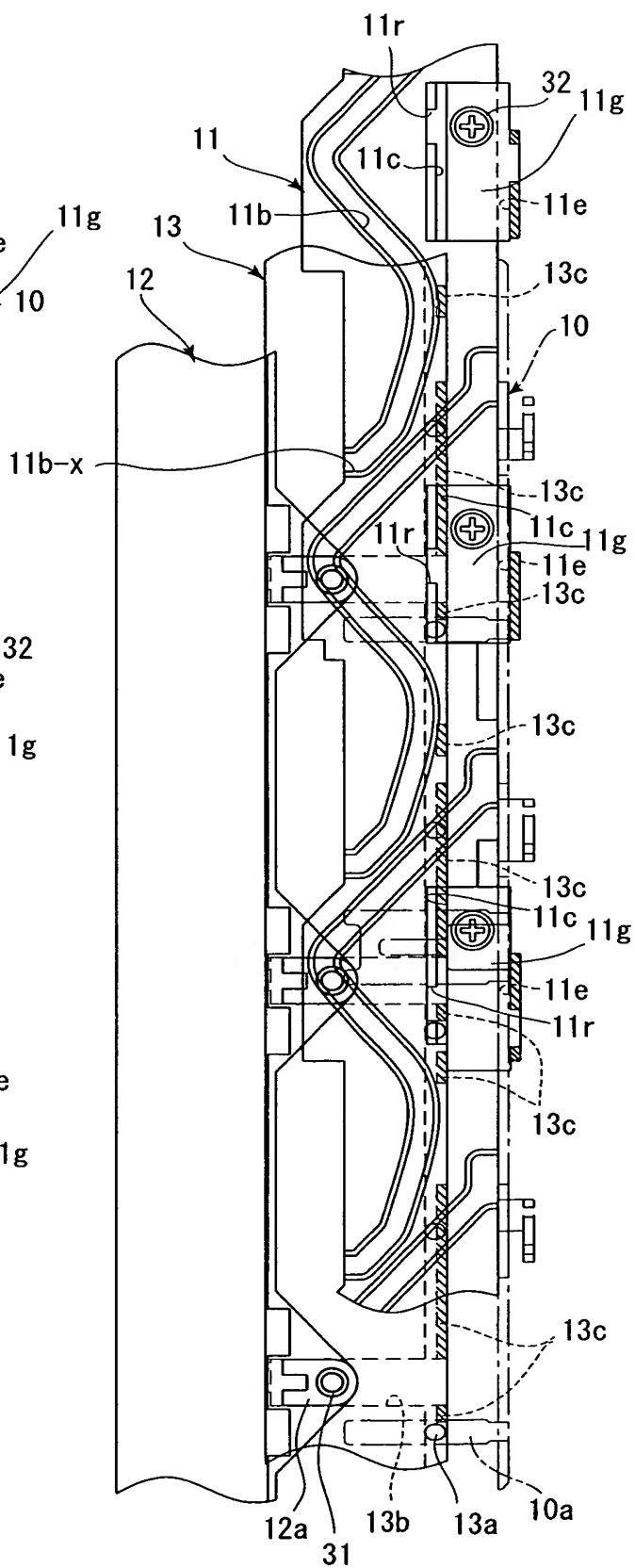


Fig. 54

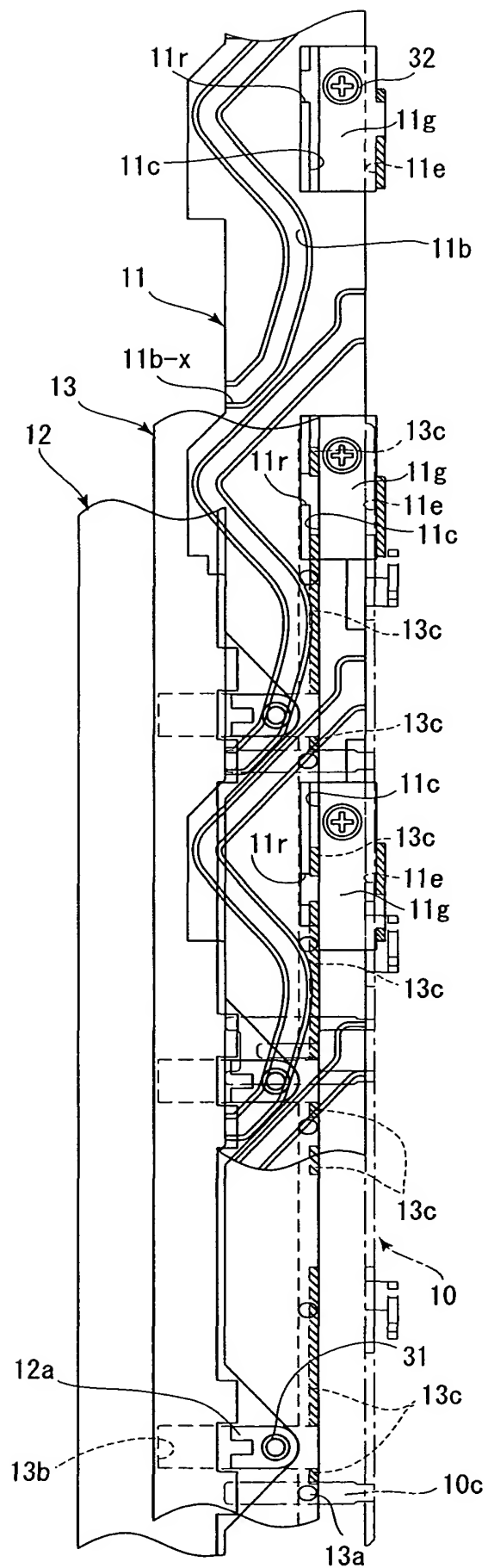


Fig. 55

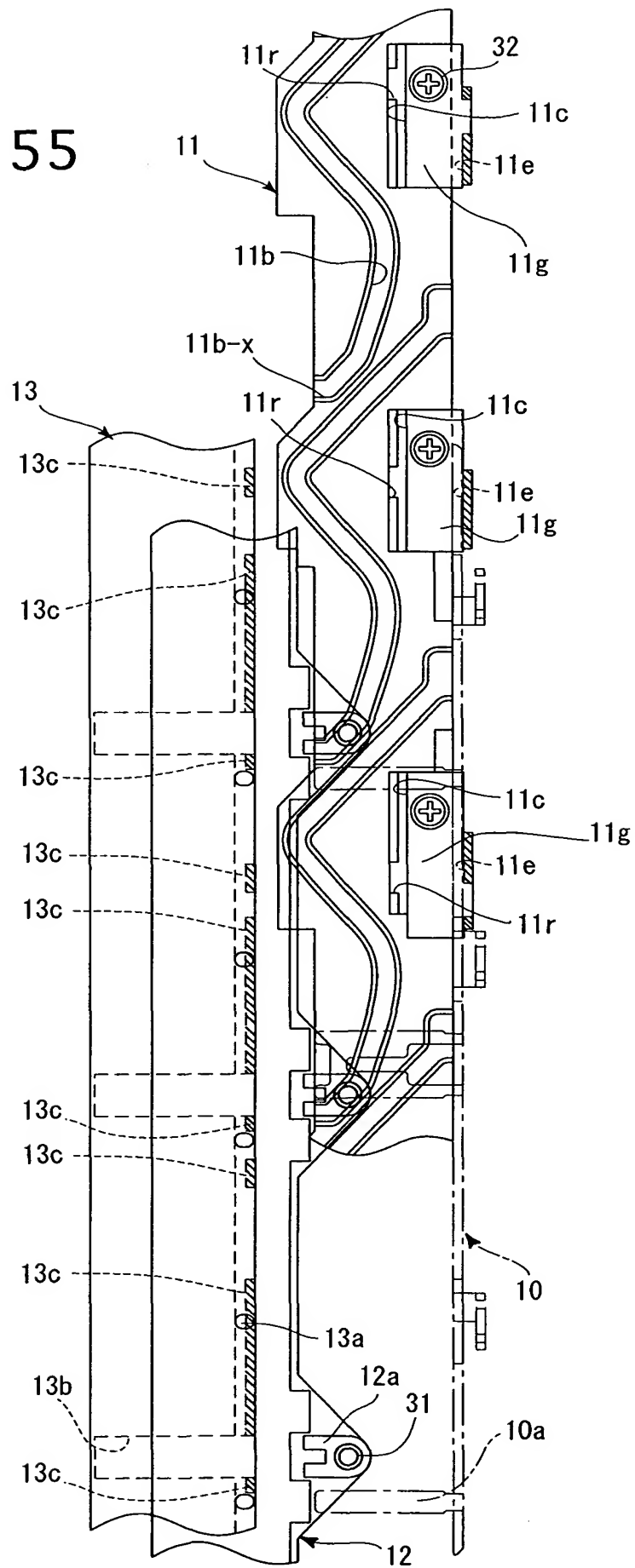


Fig. 56

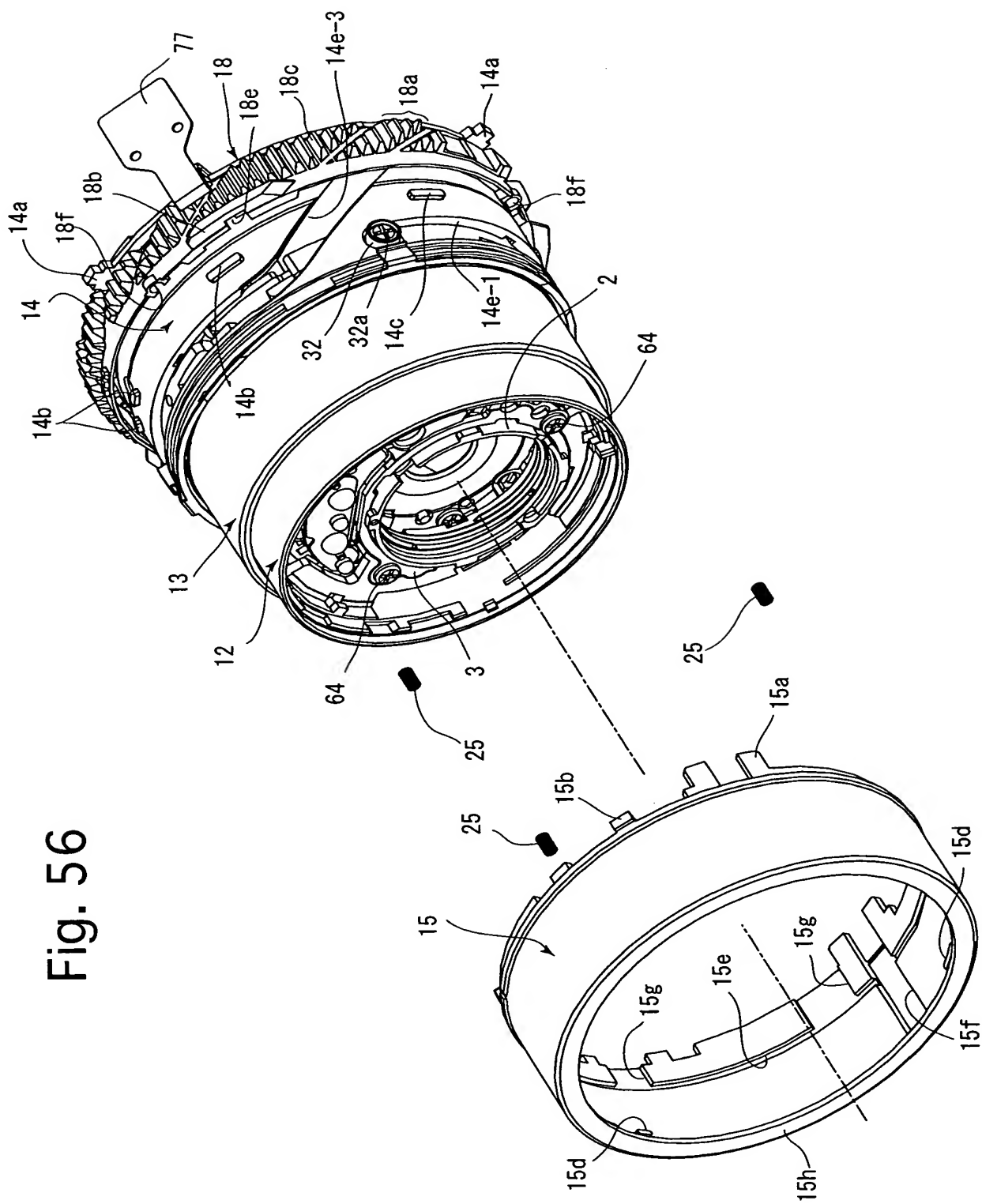


Fig. 57

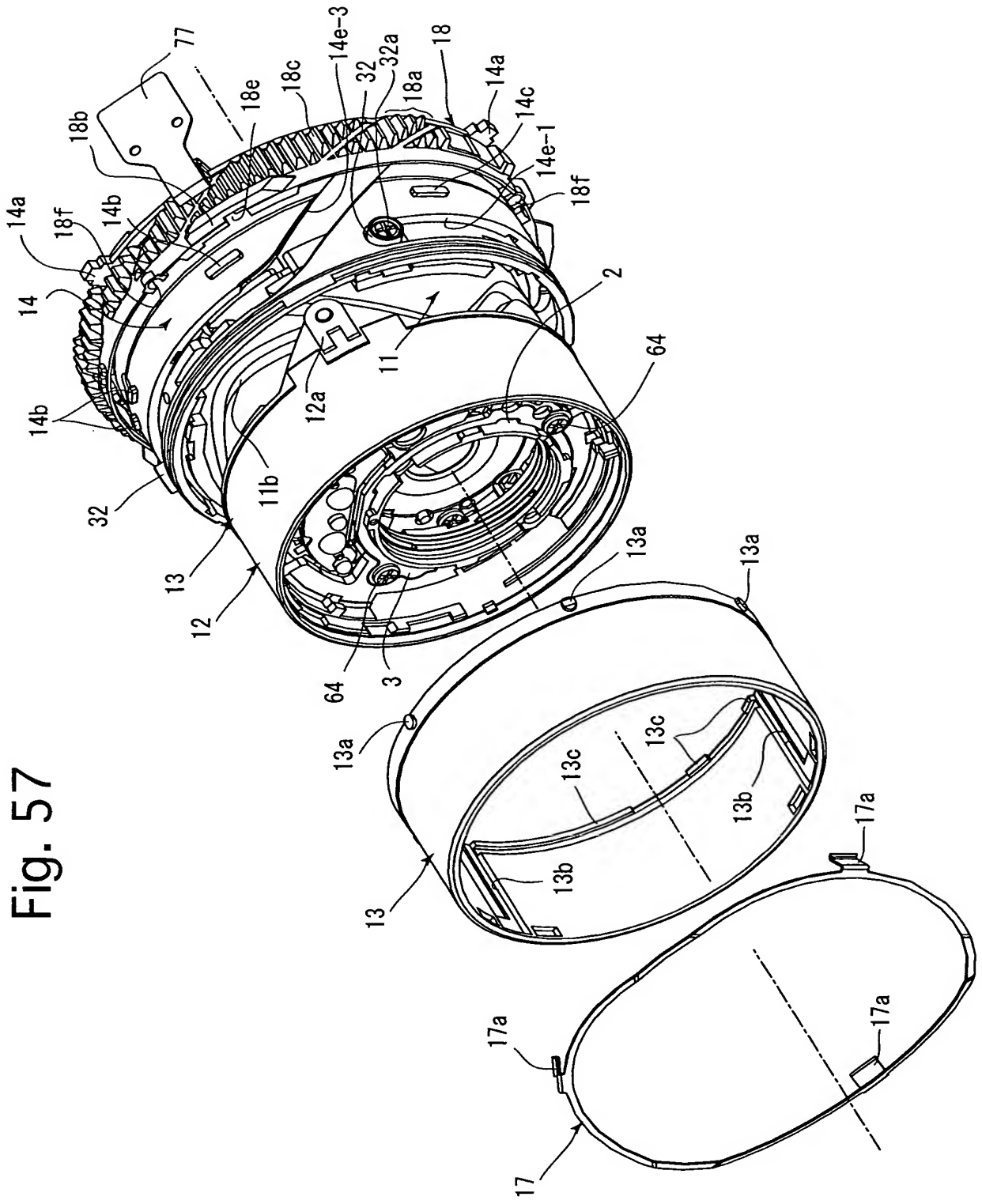


Fig. 58

This technical drawing is an exploded perspective view of a mechanical assembly. The main assembly, shown in a partially exploded state, includes a central hub (11) with a circular opening (76). Surrounding the hub are several concentric rings and components. A large outer ring (14) features a series of teeth or protrusions (14a, 14b, 14c, 14e-1, 14e-3, 14f) and a flange (14a). A smaller ring (18) is positioned between the hub and the outer ring, with various segments (18a, 18b, 18c, 18e) and a central part (18f). A component (32) is located between the hub and the ring 18. A bracket (8) is attached to the hub, with sub-components (8b-1, 11a-1, 11a-2, 11b). A component (77) is shown at the top left, connected to the outer ring. A separate component (12) is shown at the bottom, featuring a curved arm (12a) and a circular base (2). This base (2) has a series of teeth or protrusions (64) and a central part (3). A component (64) is also shown at the bottom right, connected to the base (2).

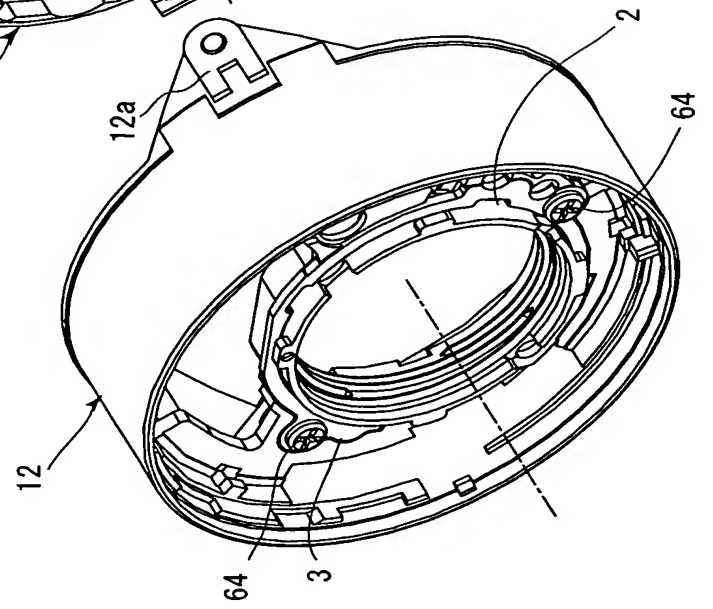


Fig. 59

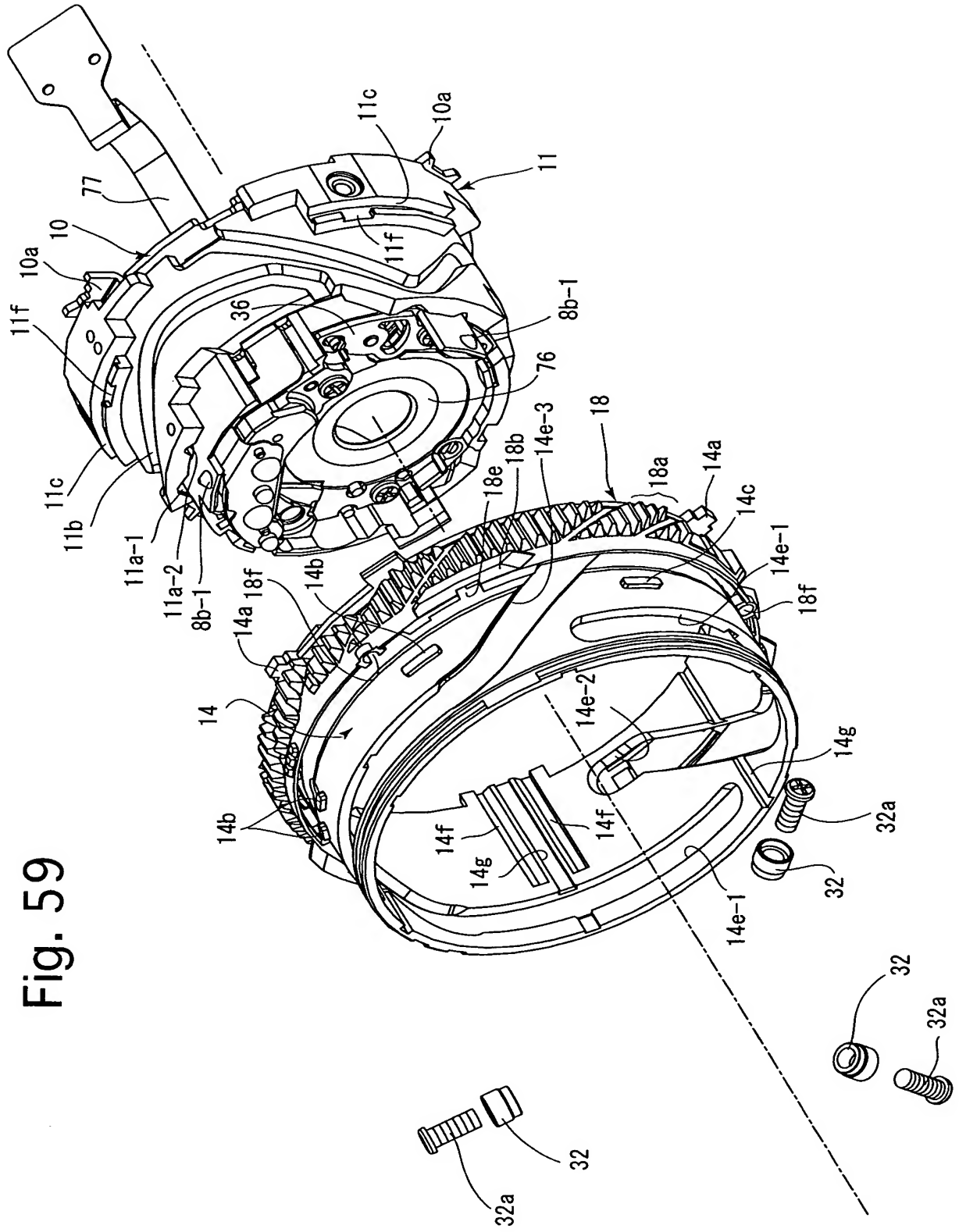


Fig. 60

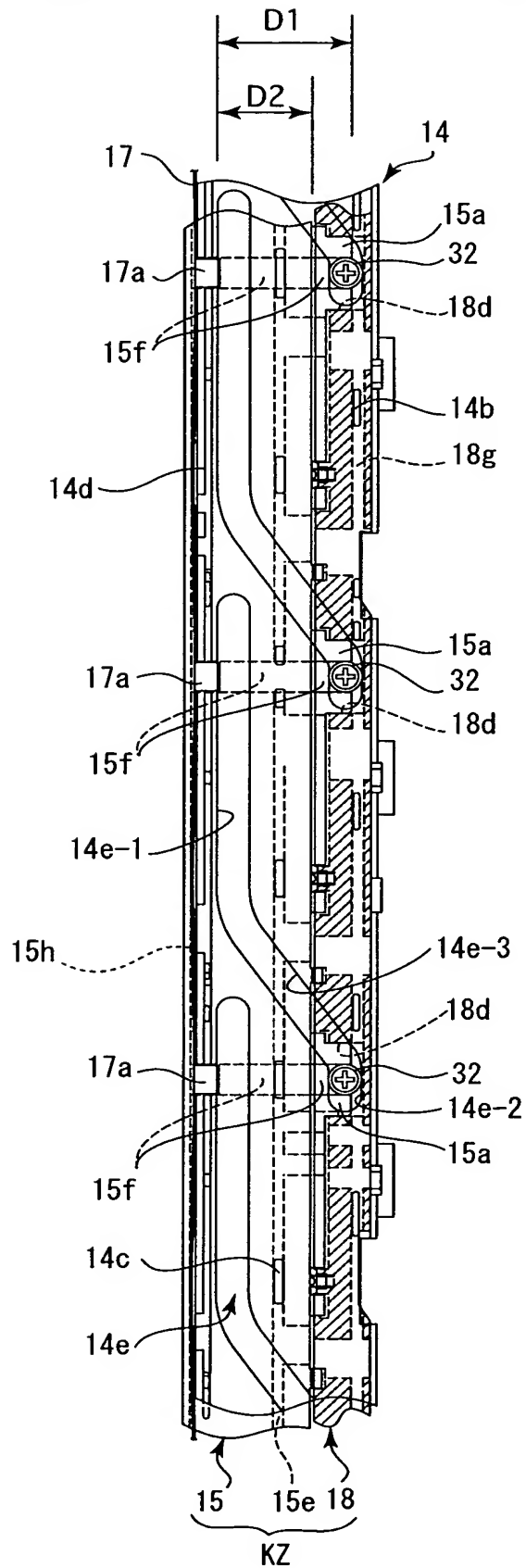
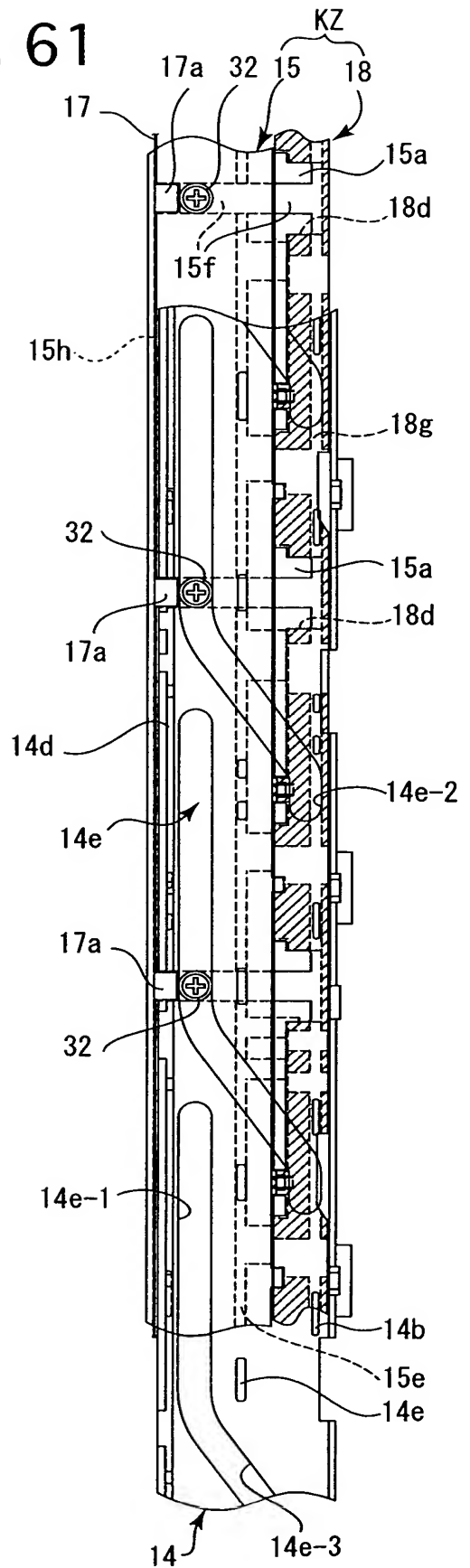


Fig. 61



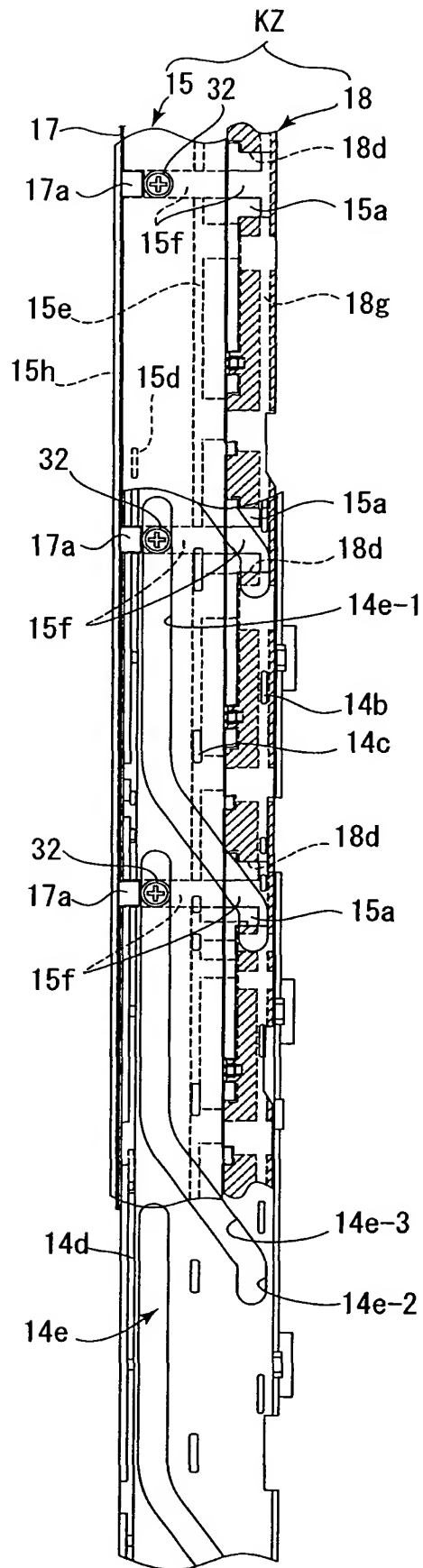
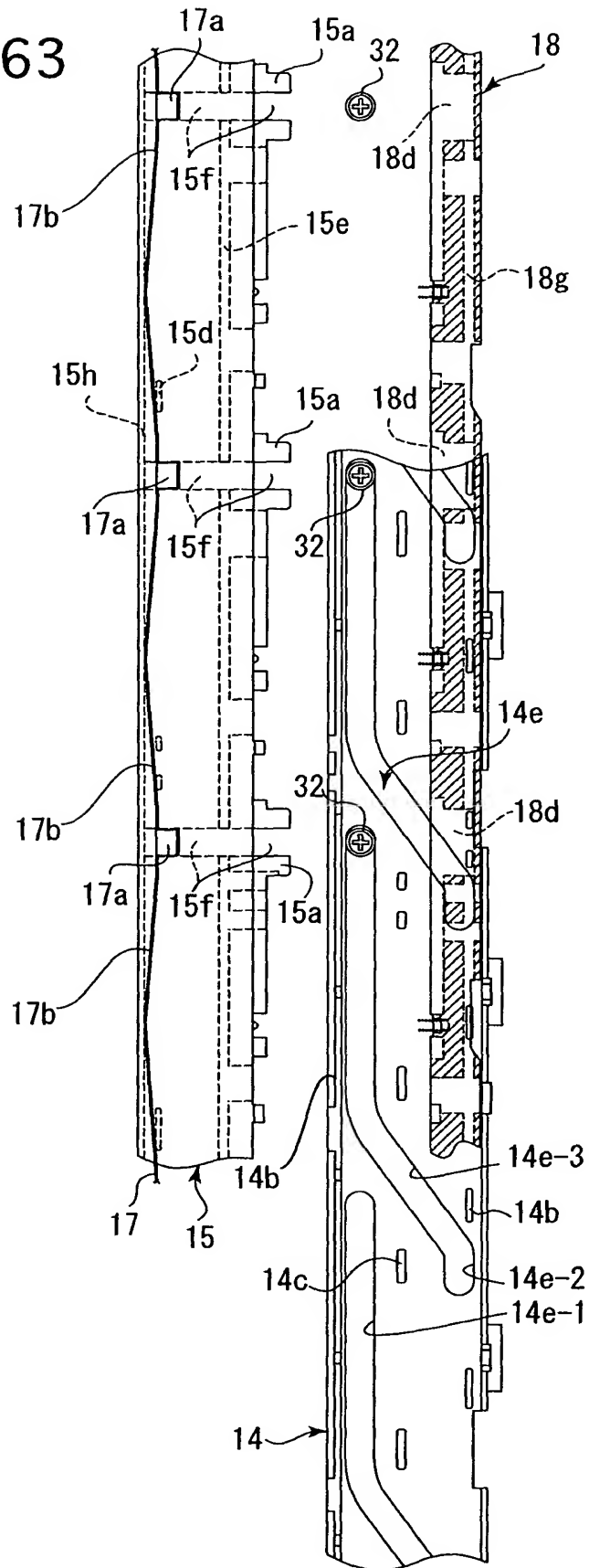


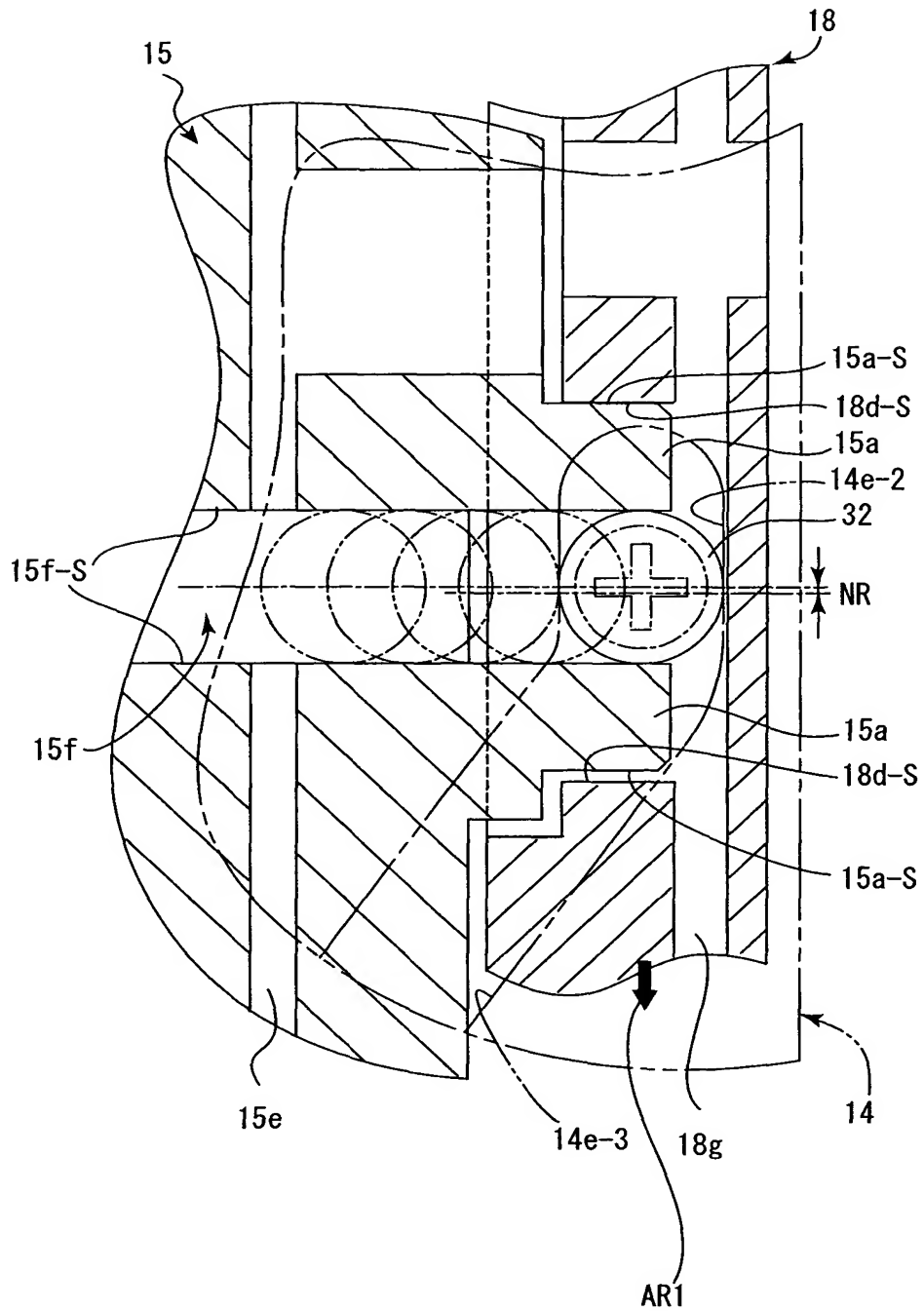
Fig. 62

Fig. 63



[illegible]

Fig. 65



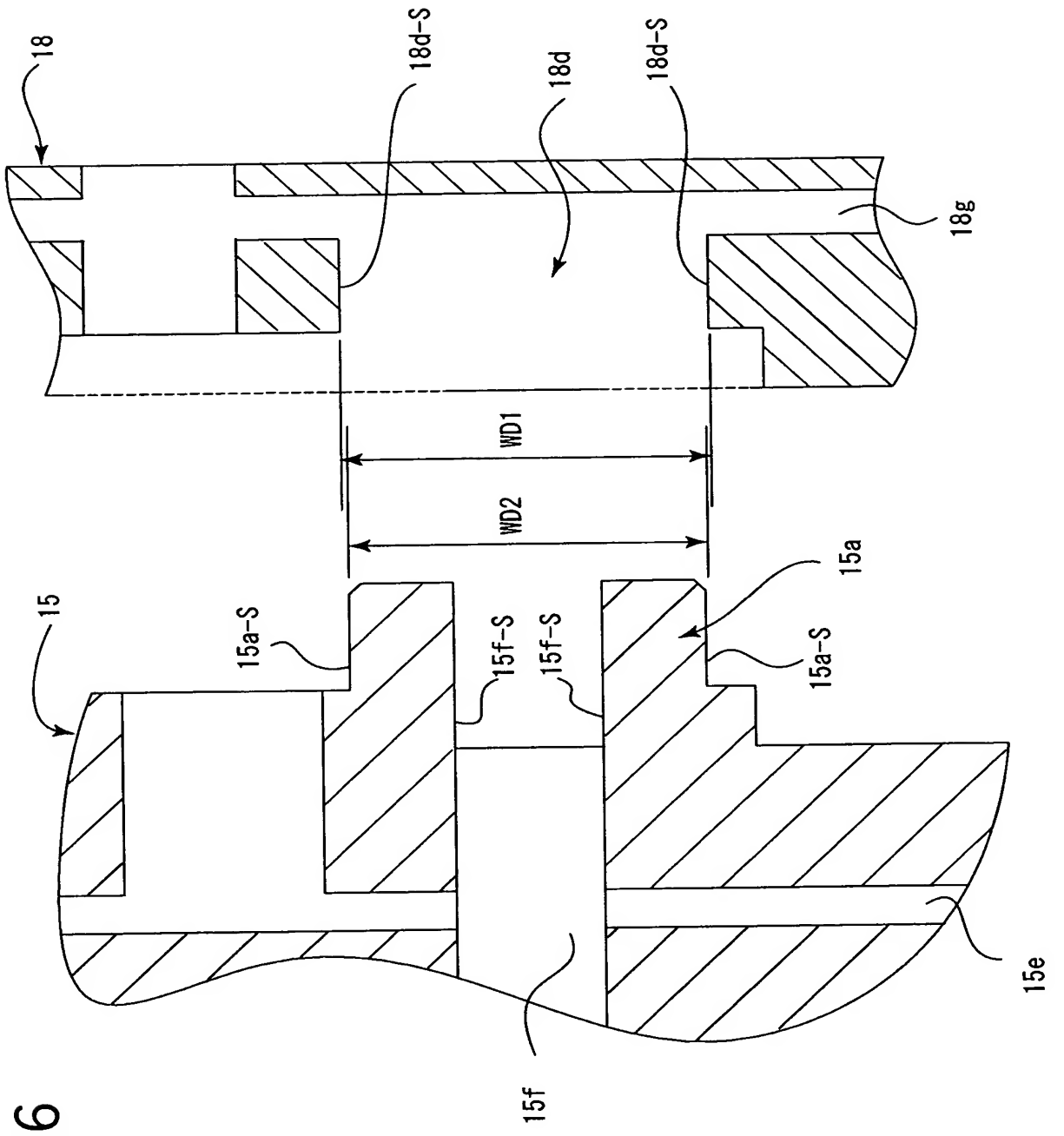


Fig. 66

Fig. 67

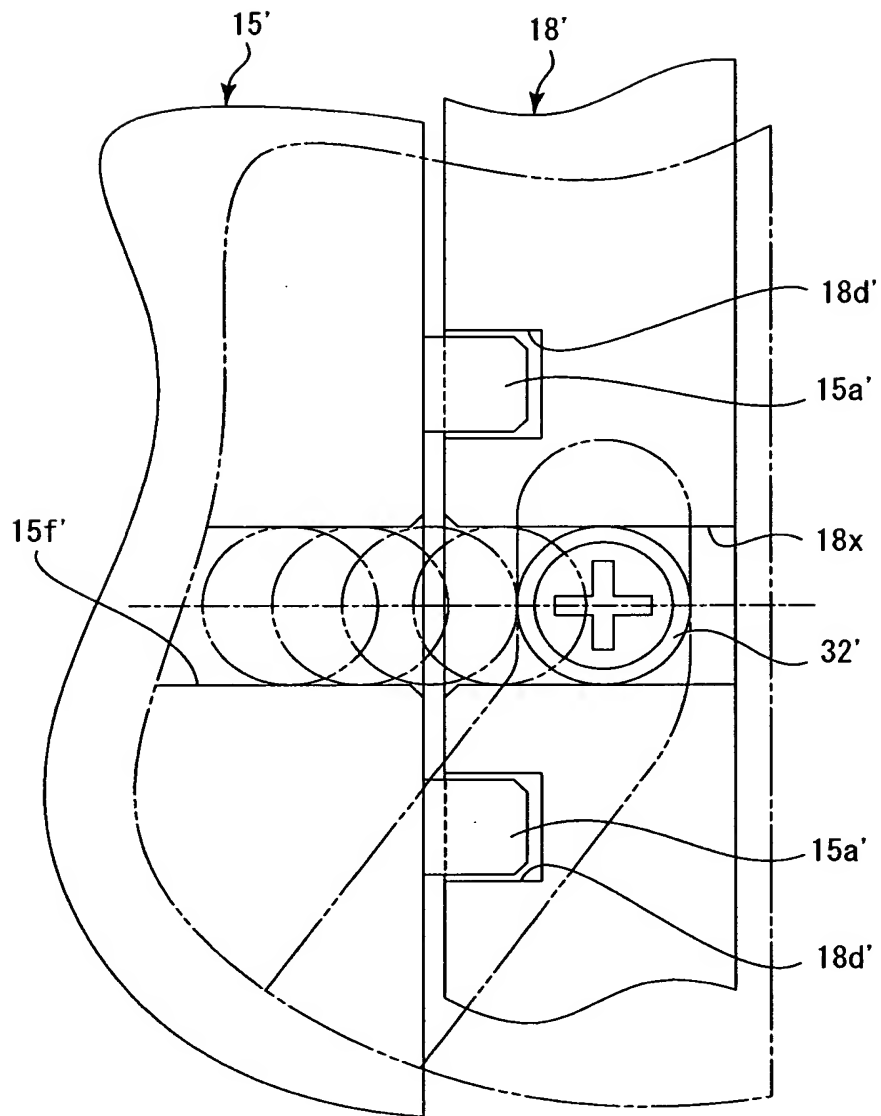


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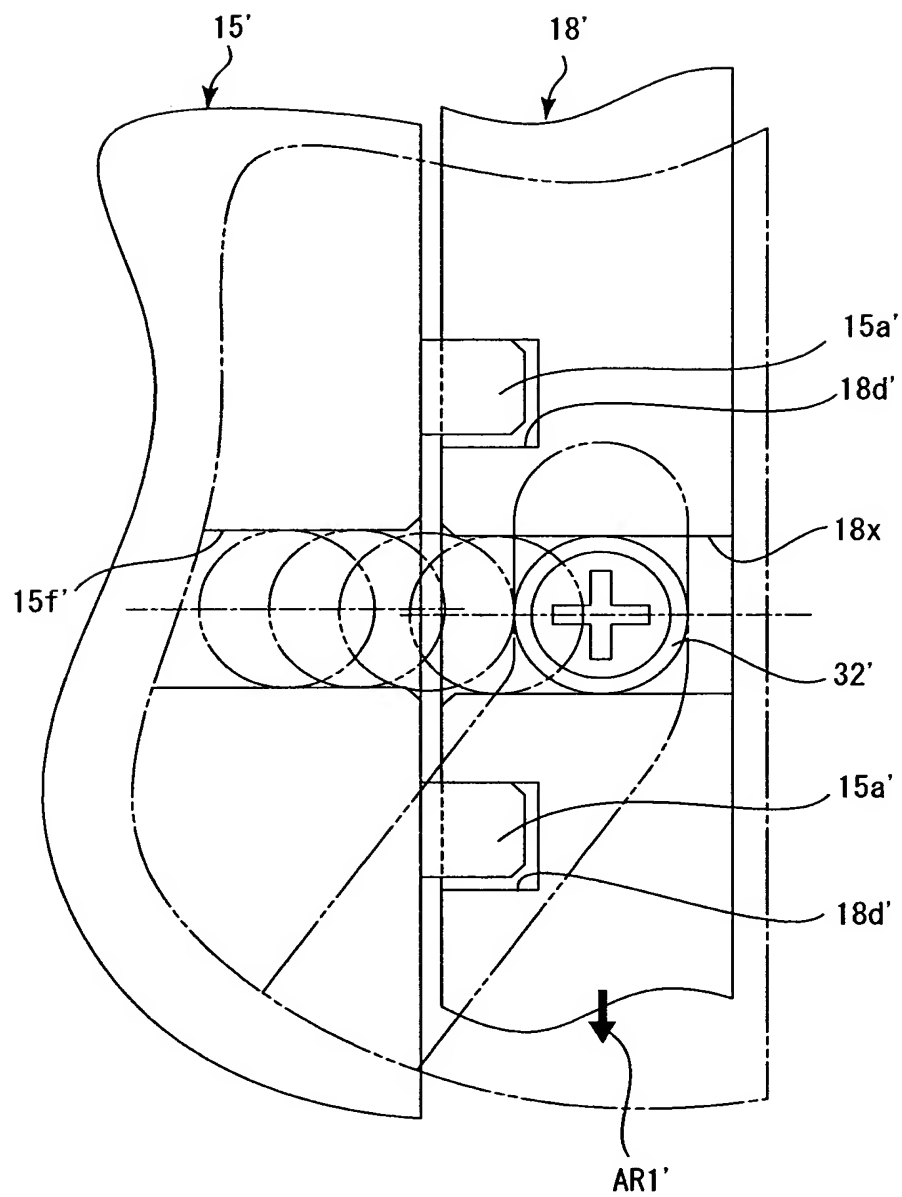


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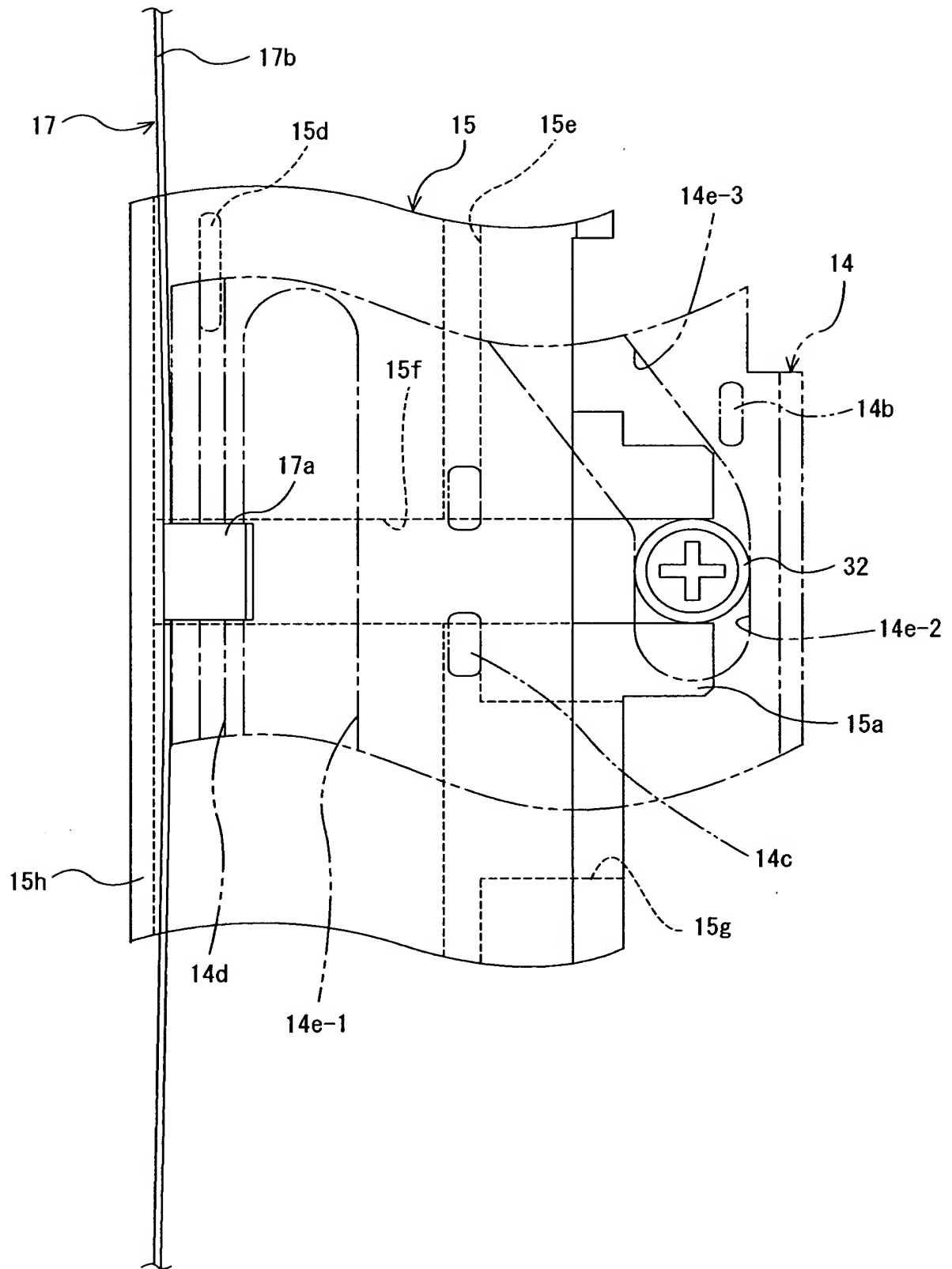
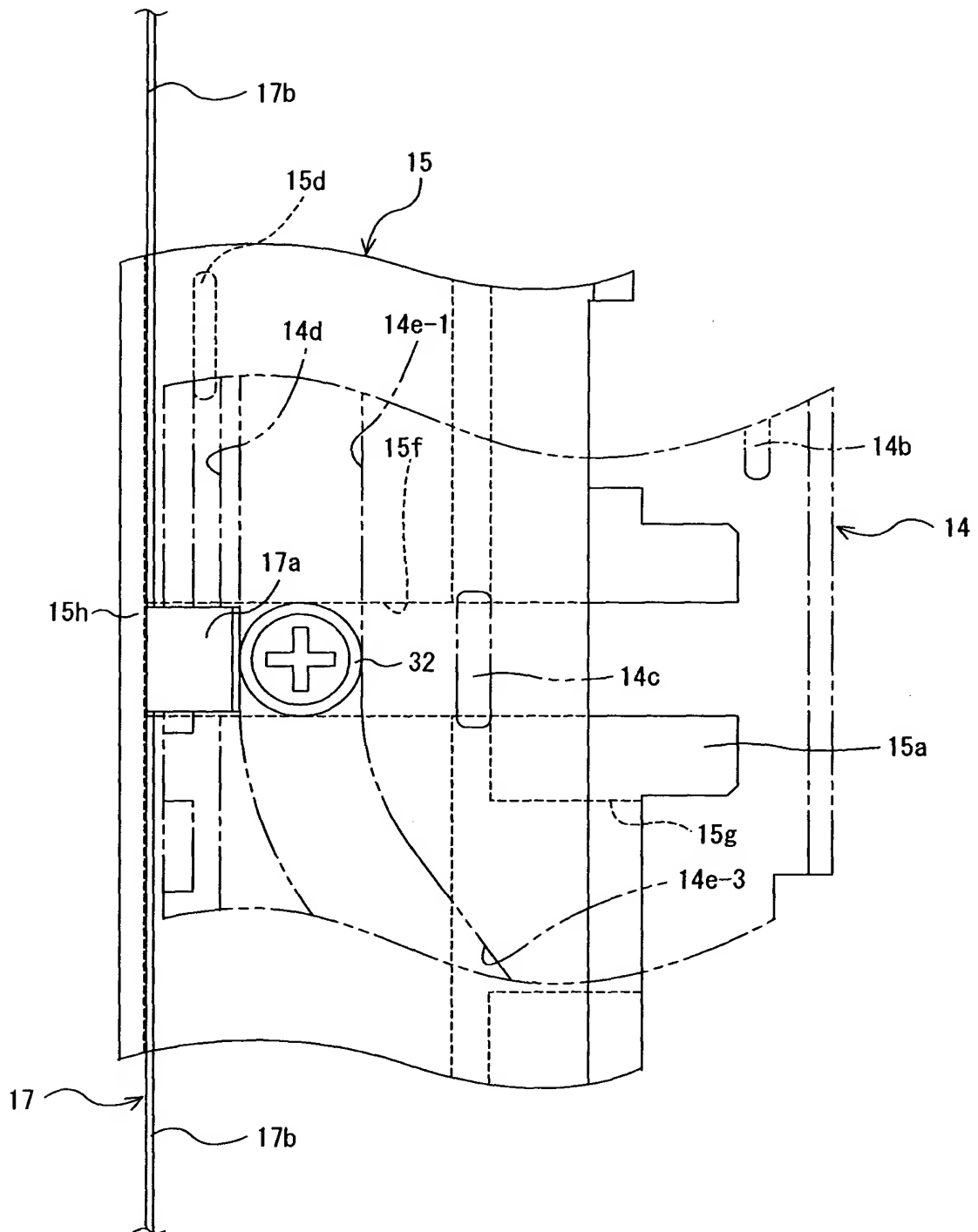


Fig. 70



1. *Journal of the American Medical Association*, 1997; 277: 1033-1037.

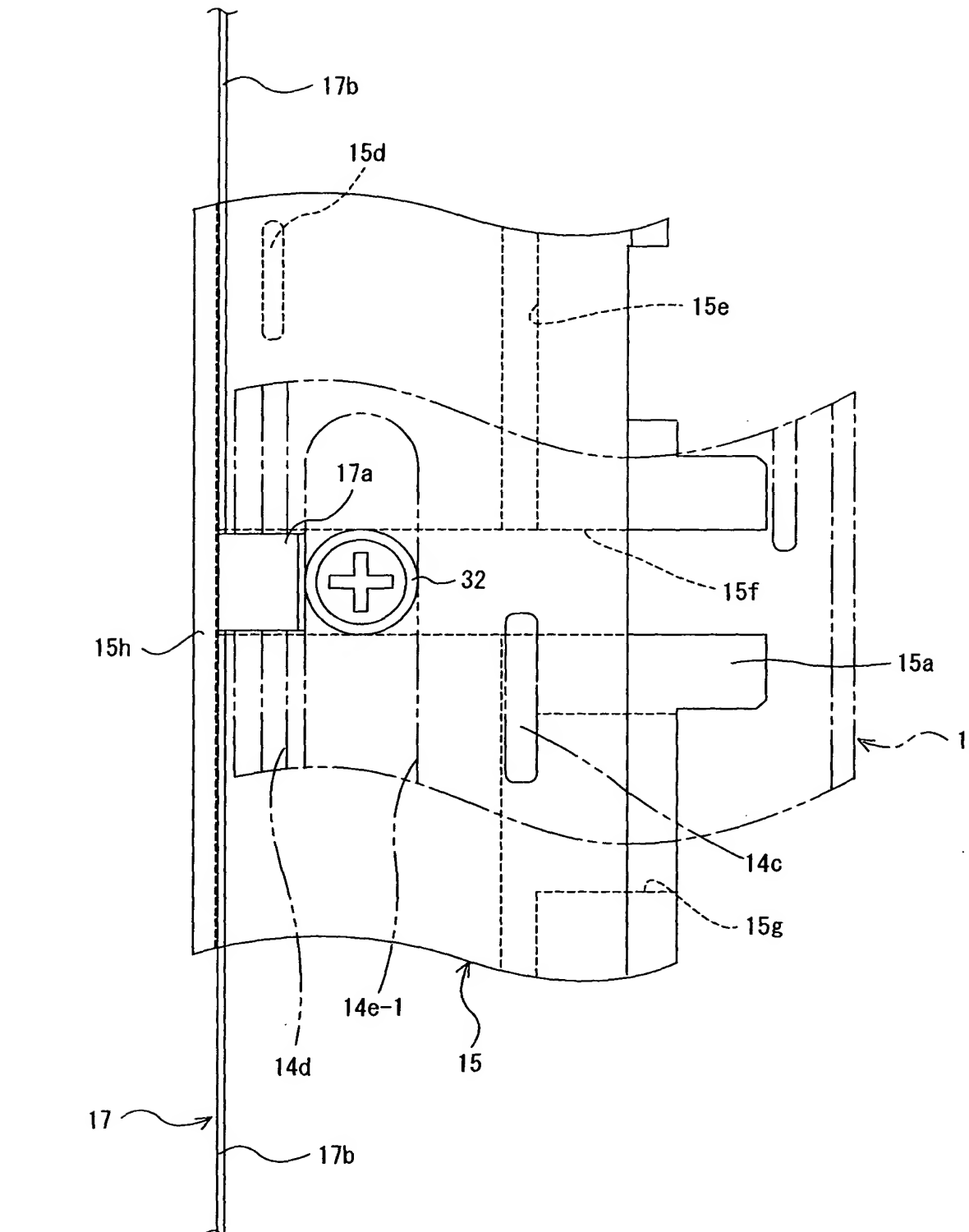


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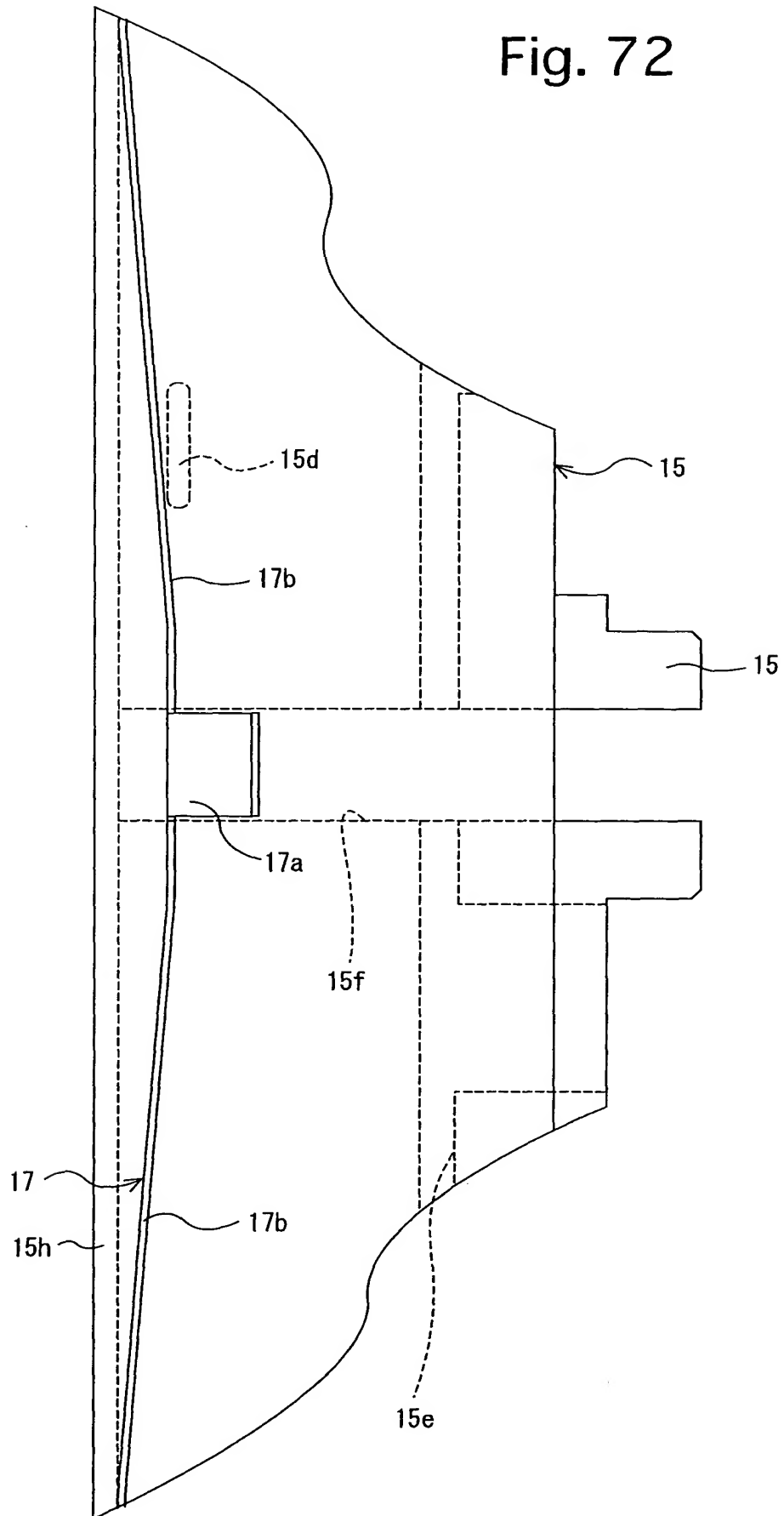
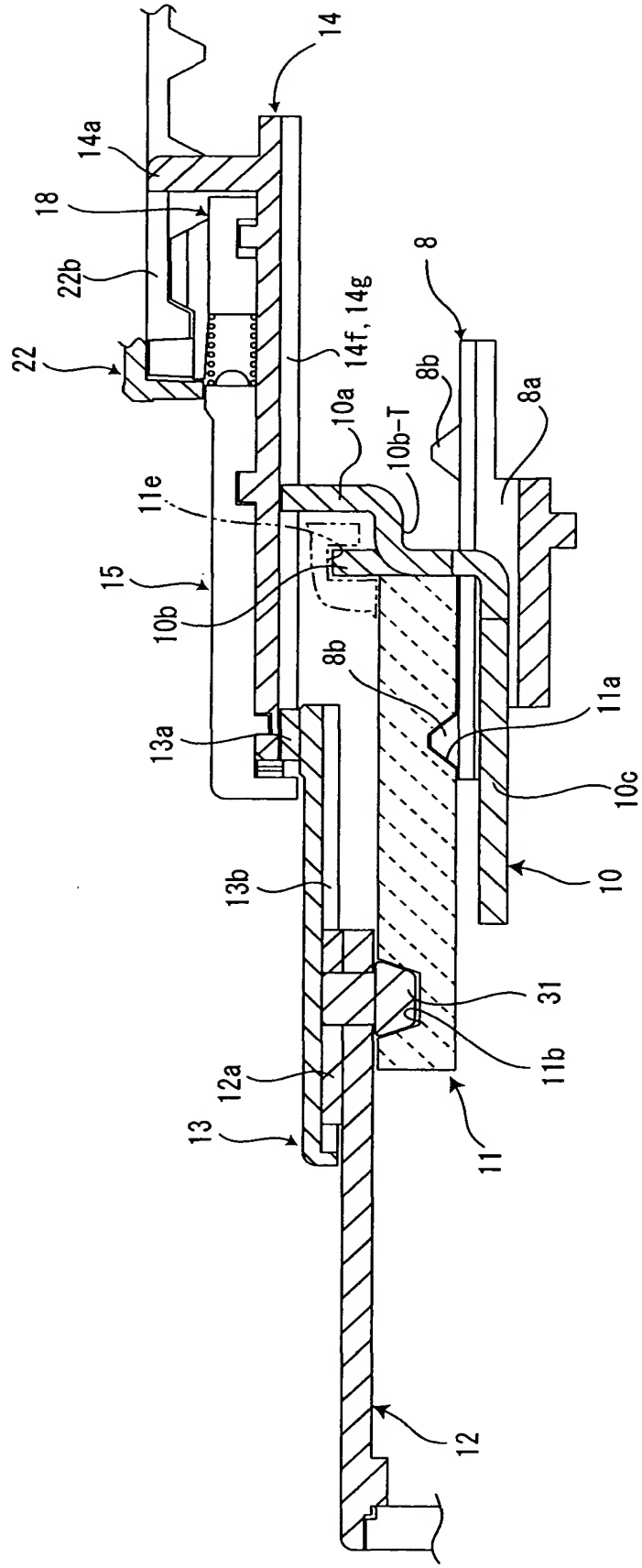


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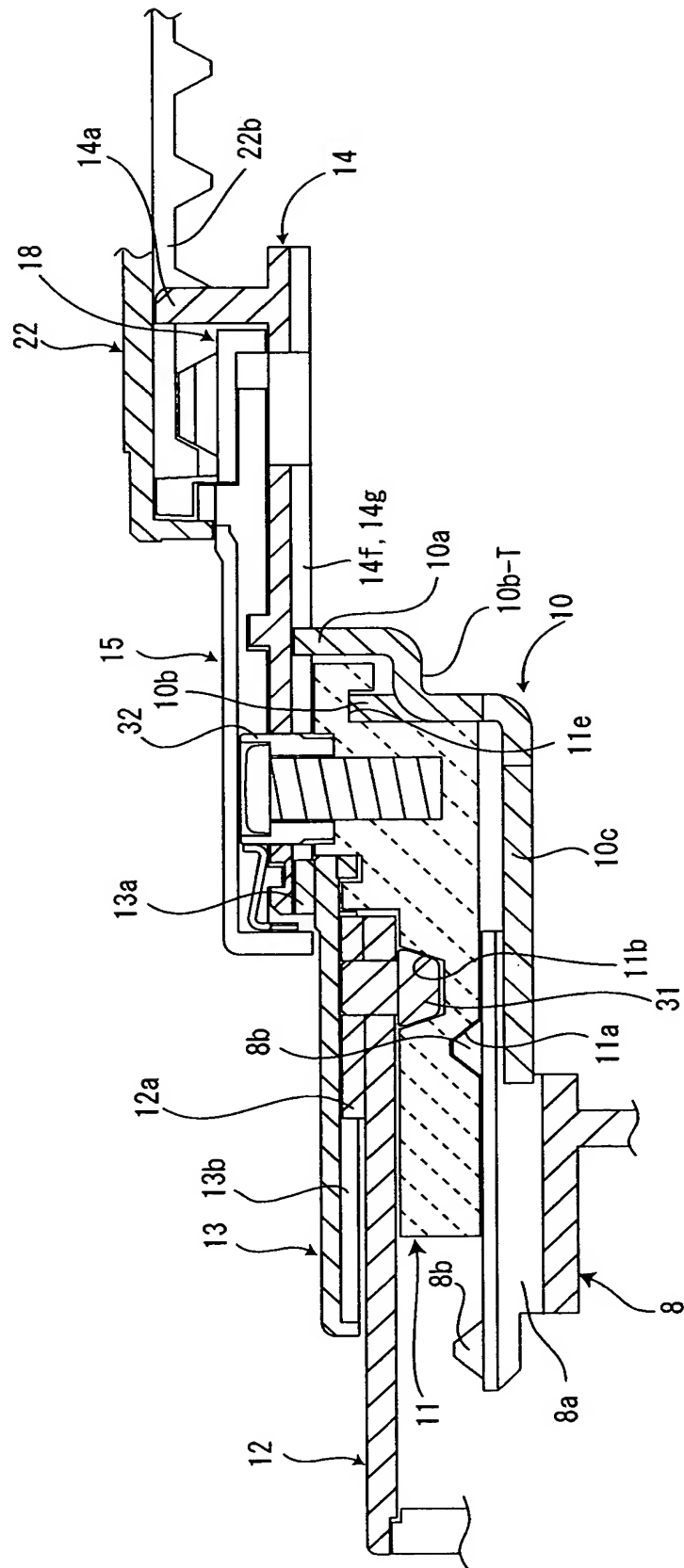


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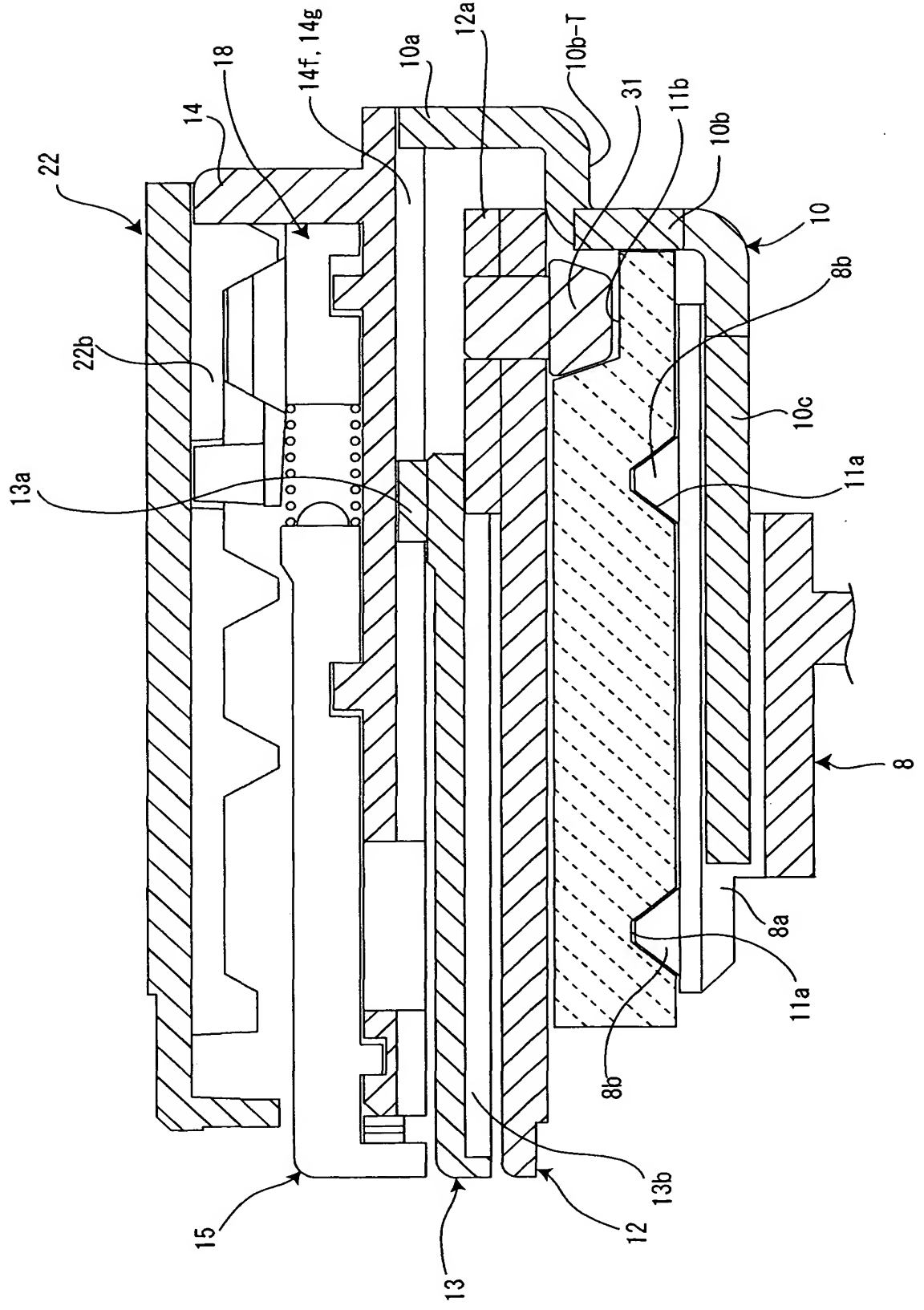


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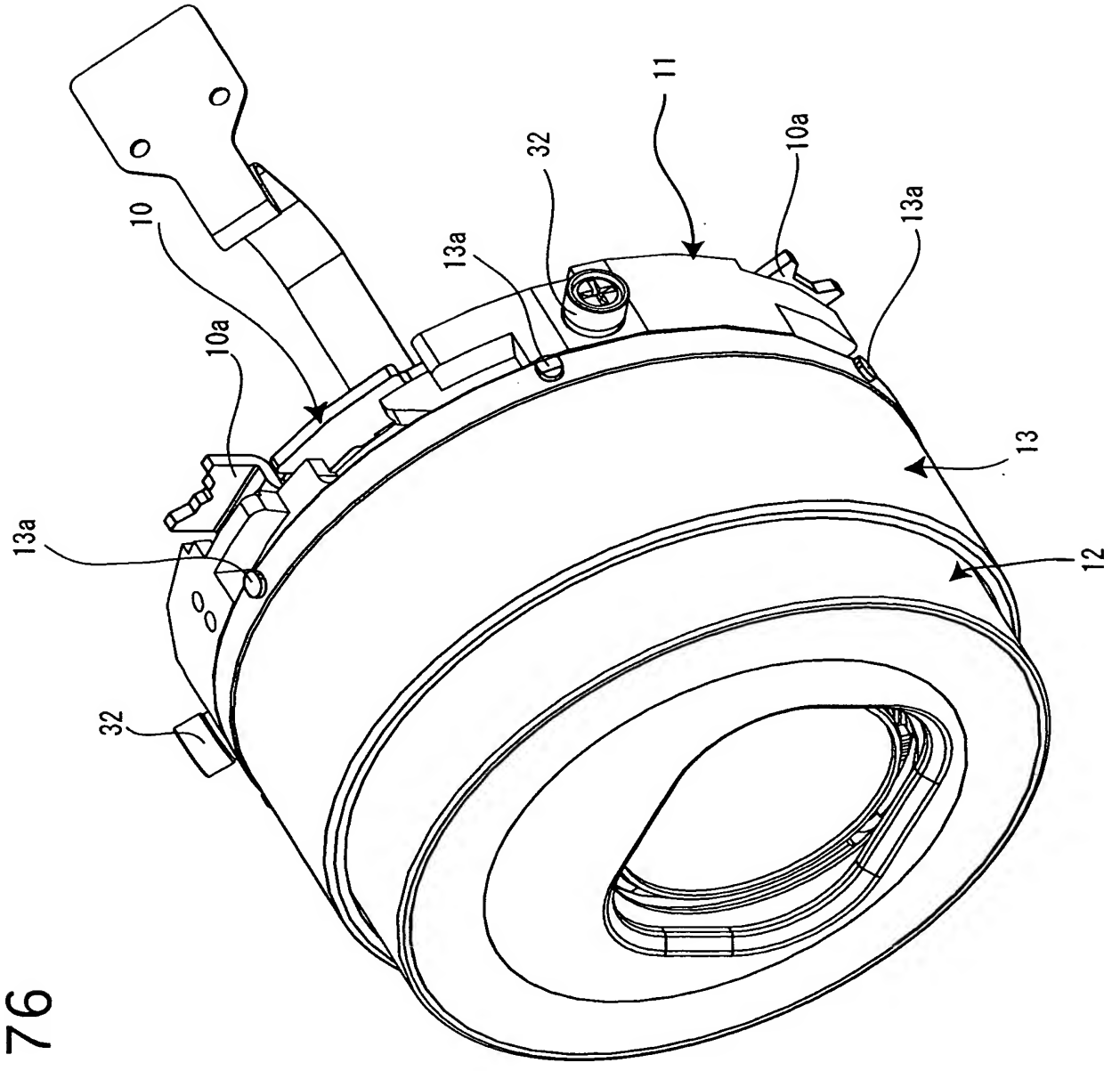


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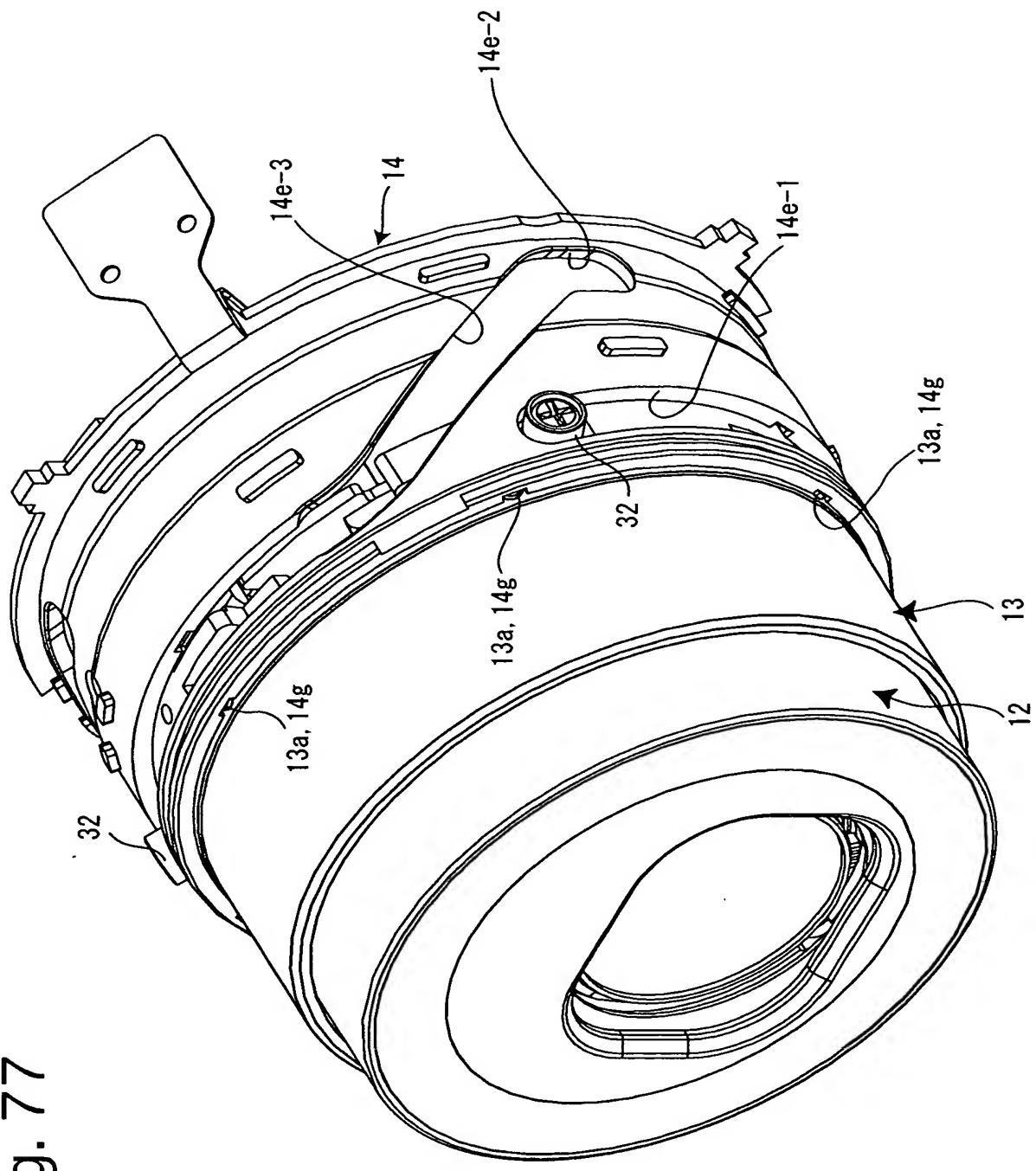


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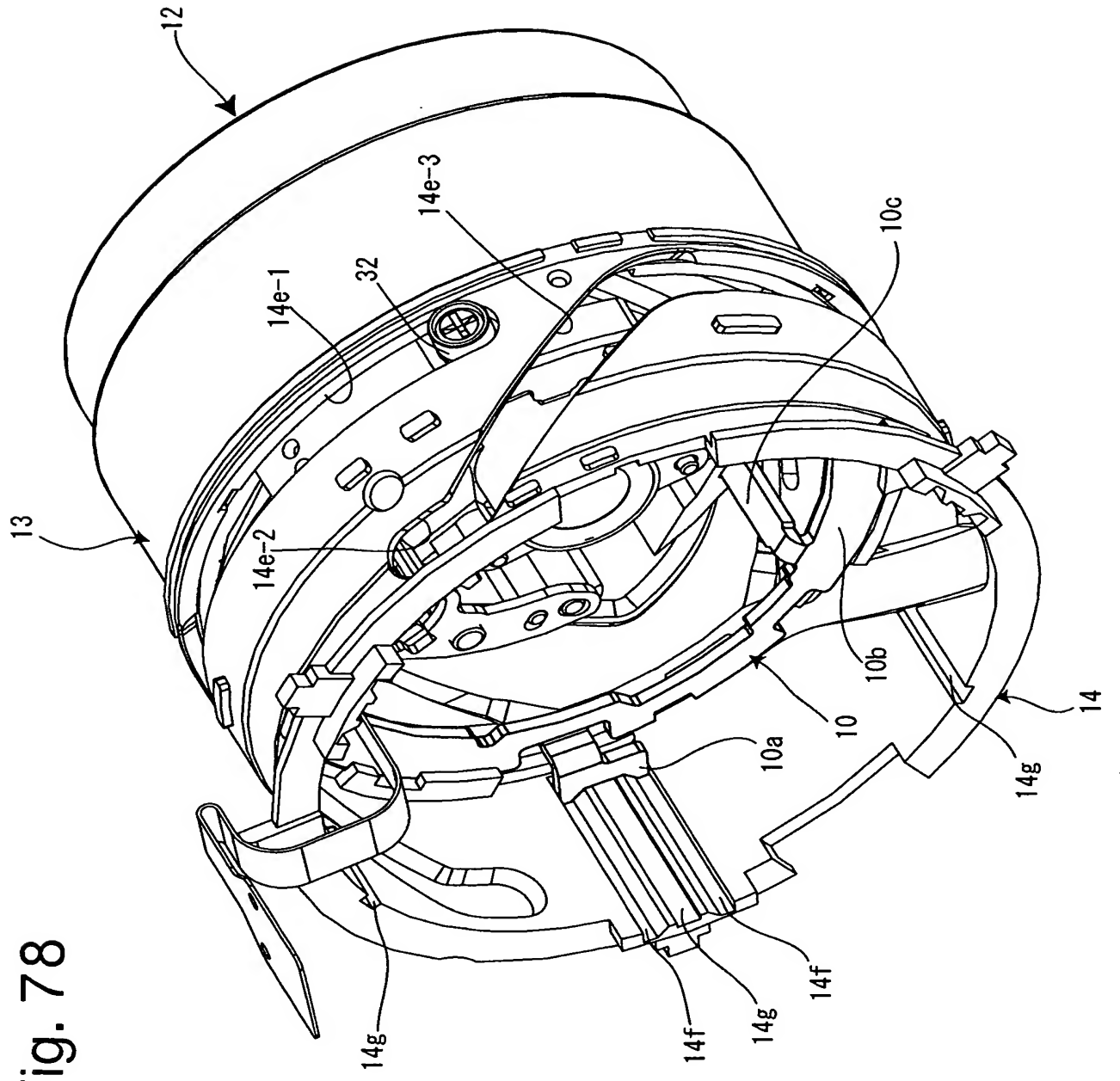


Fig . 79

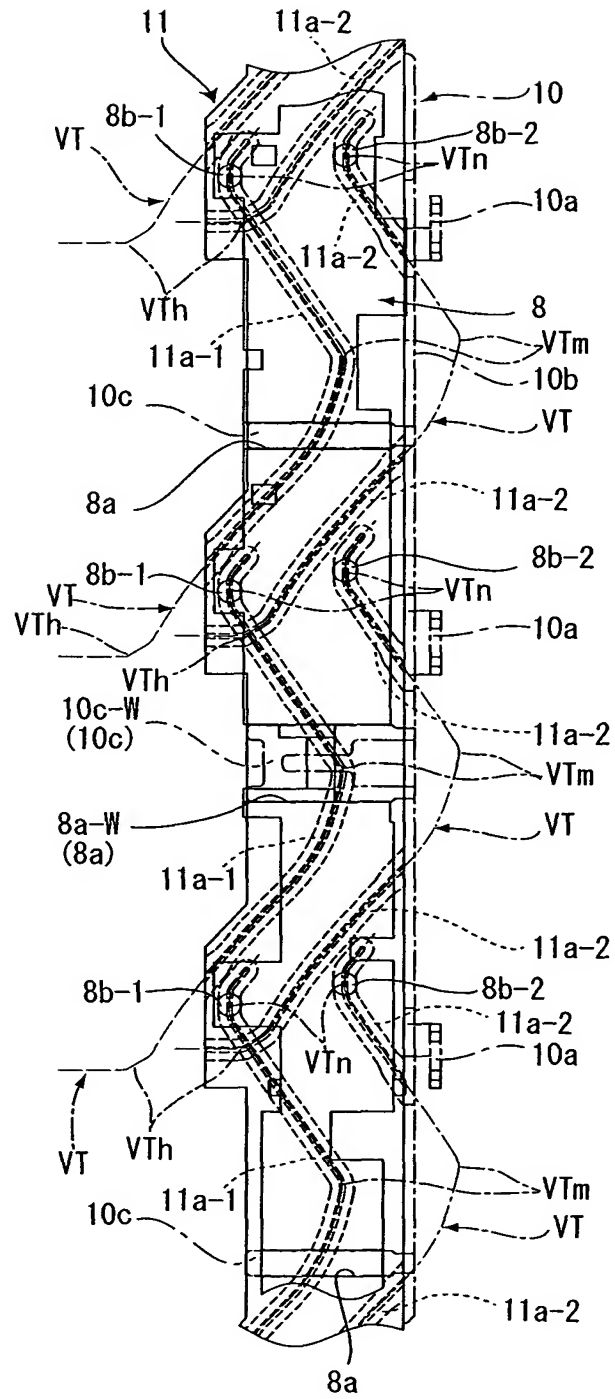


Fig . 80

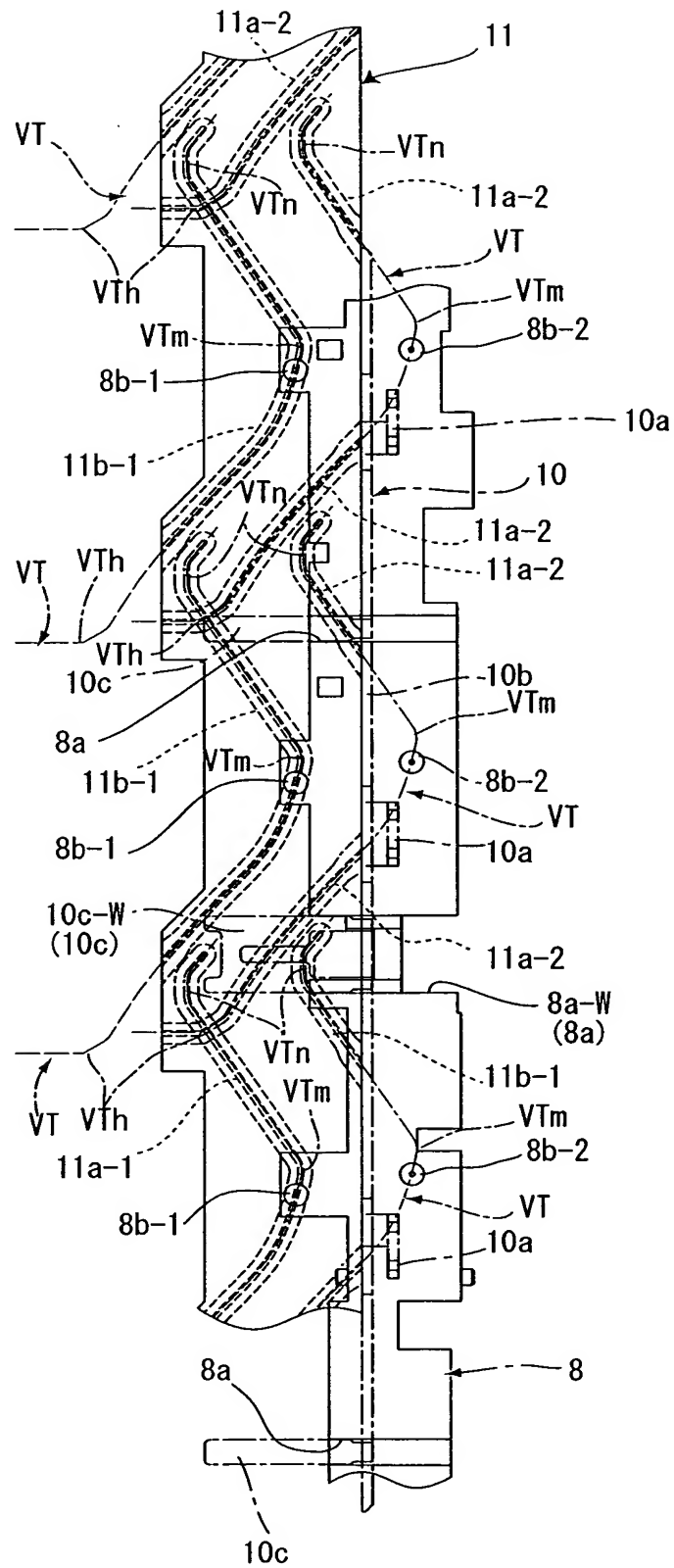


Fig. 81

Fig . 82

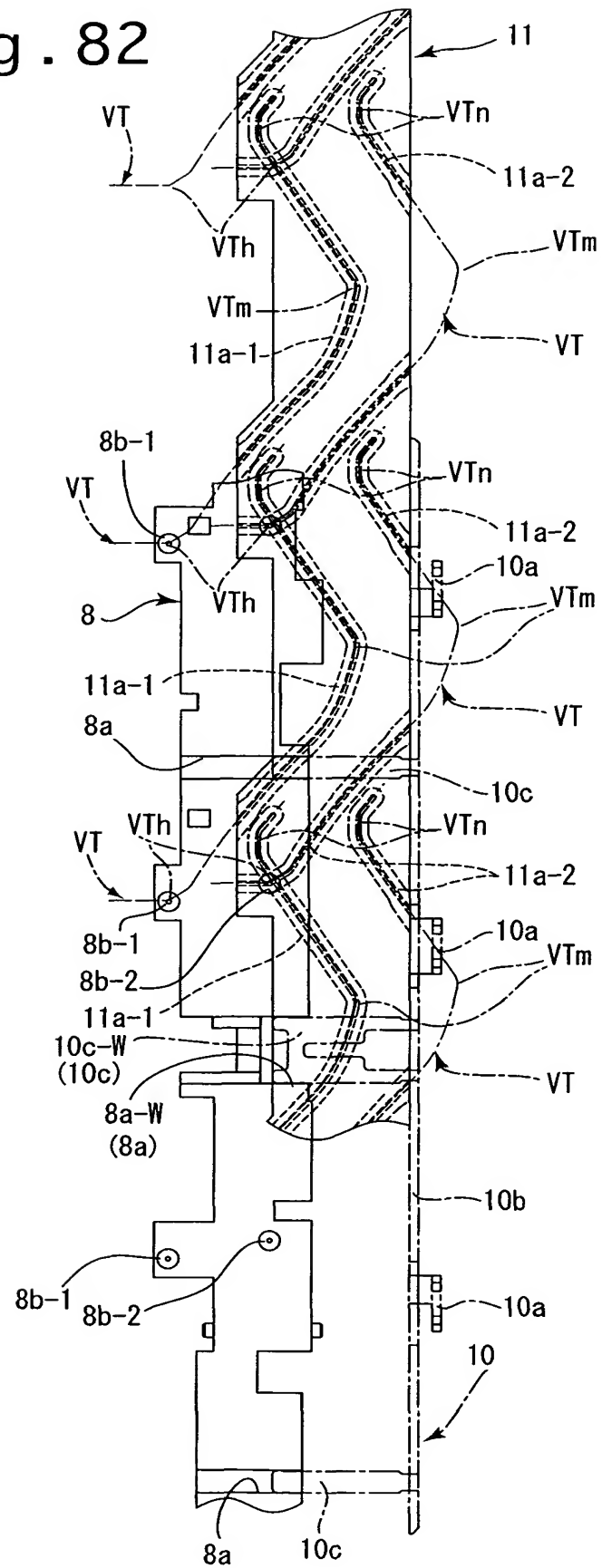


Fig. 83

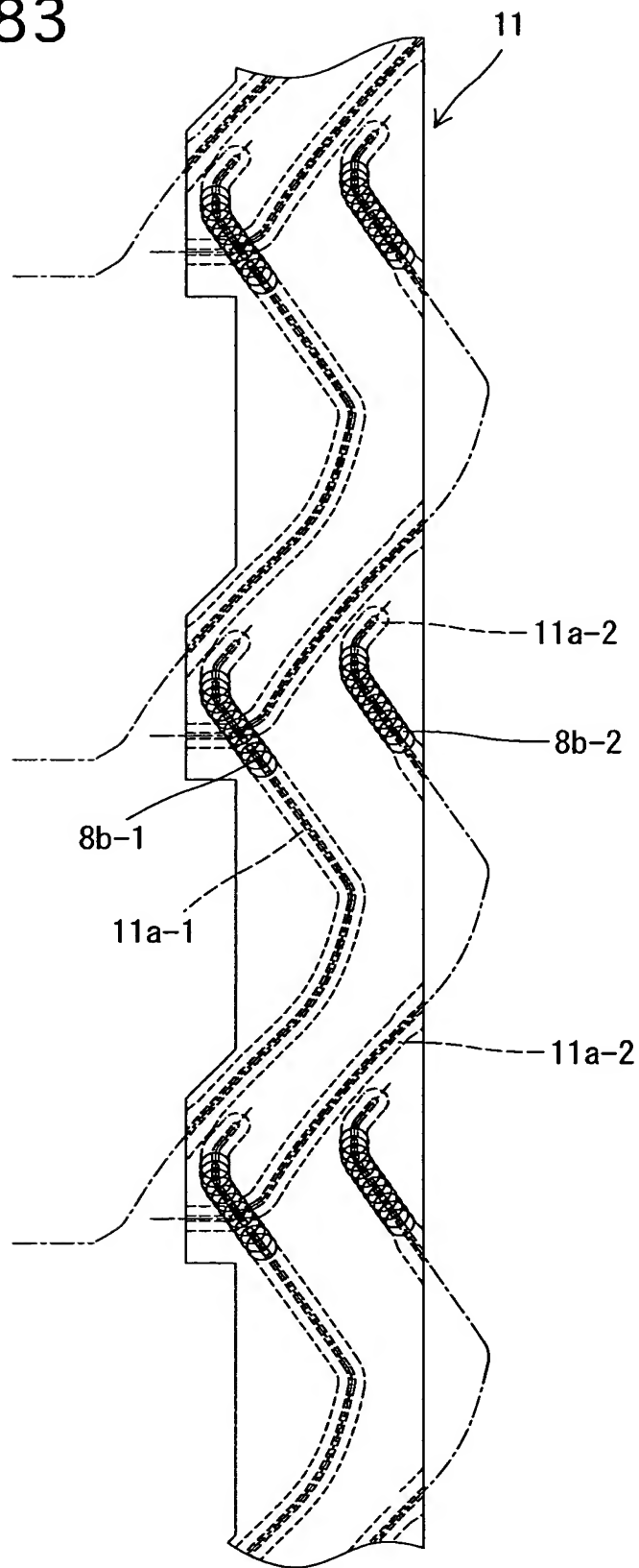
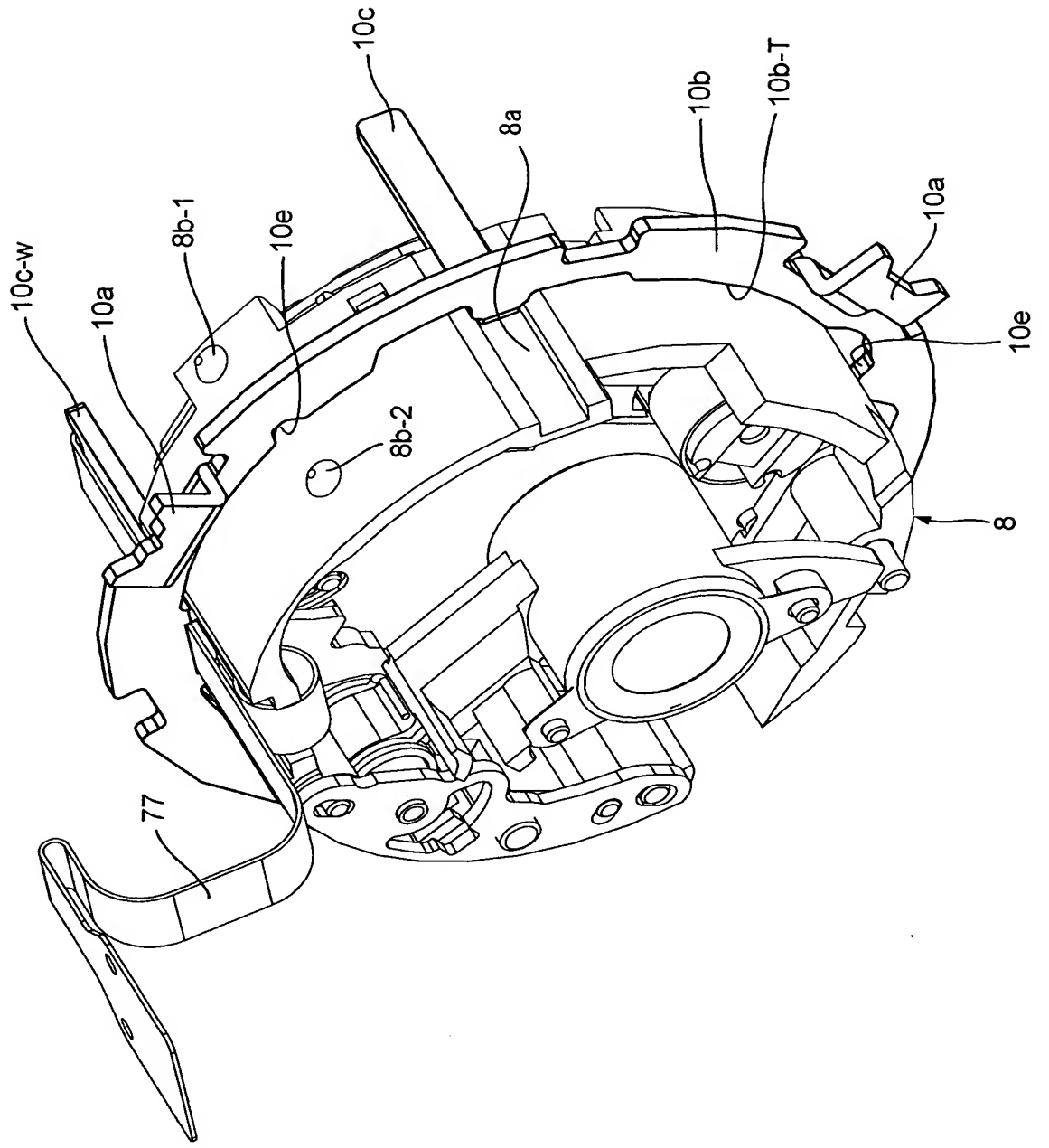


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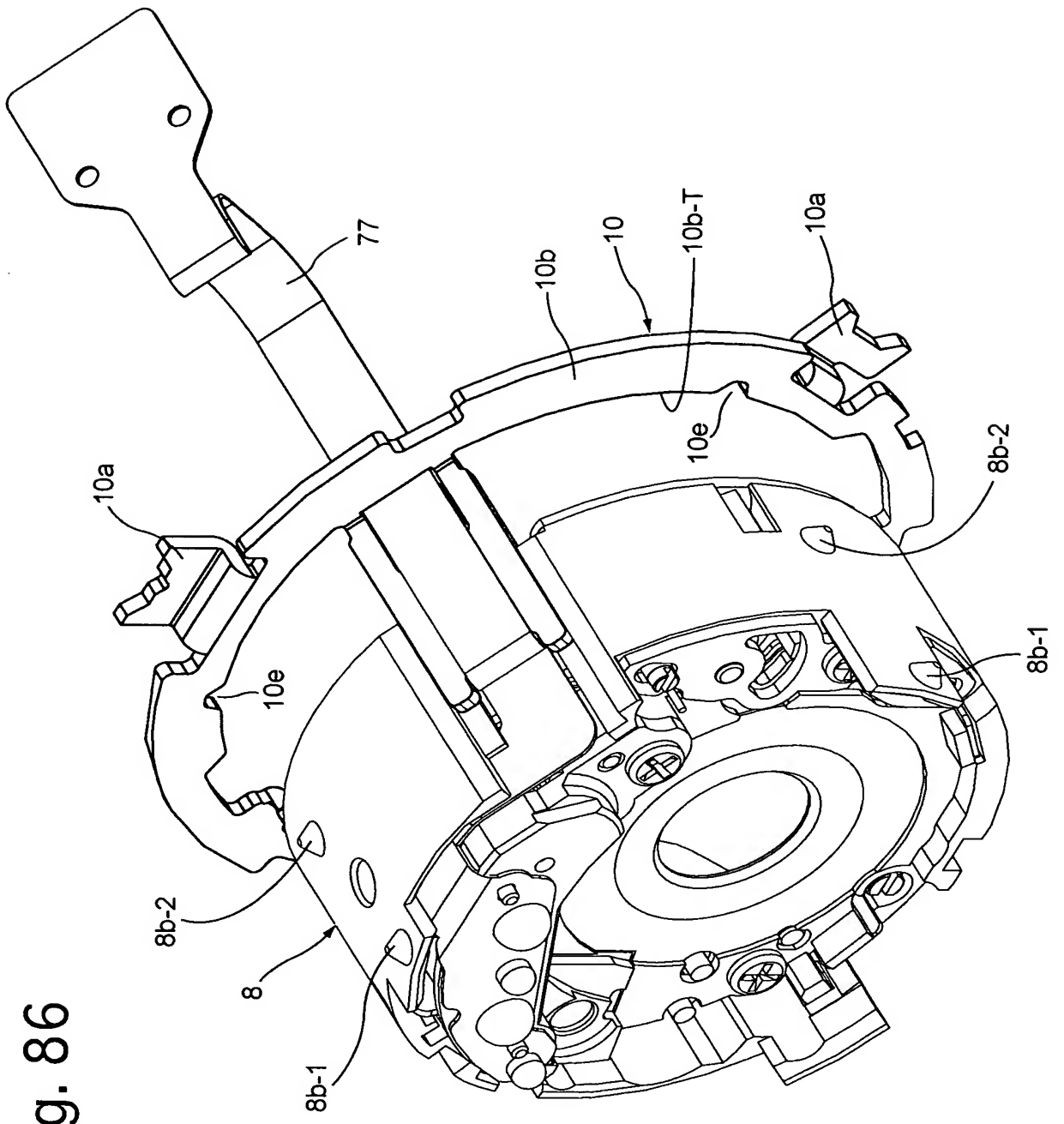


Fig. 86

Fig. 87

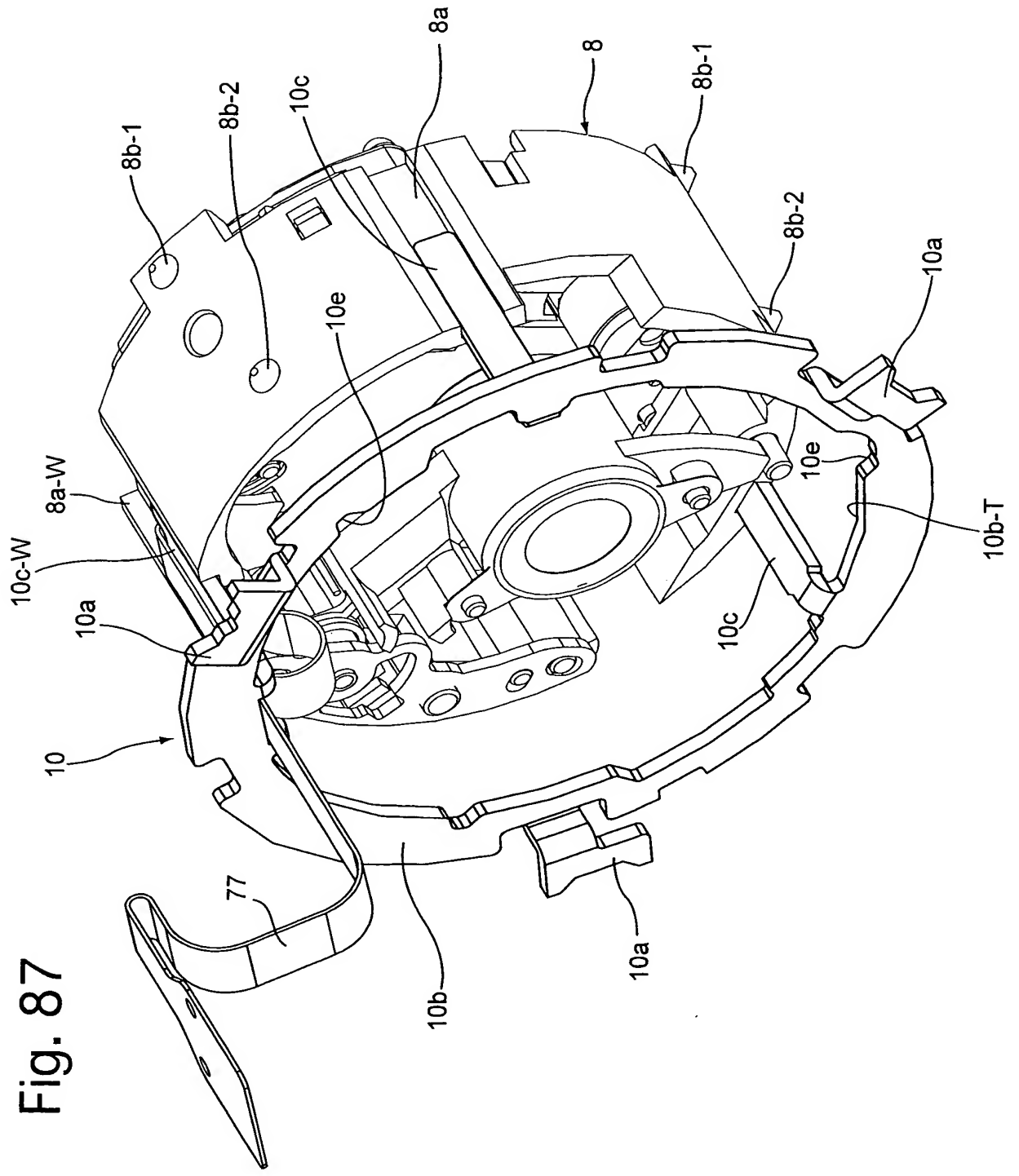


Fig. 88

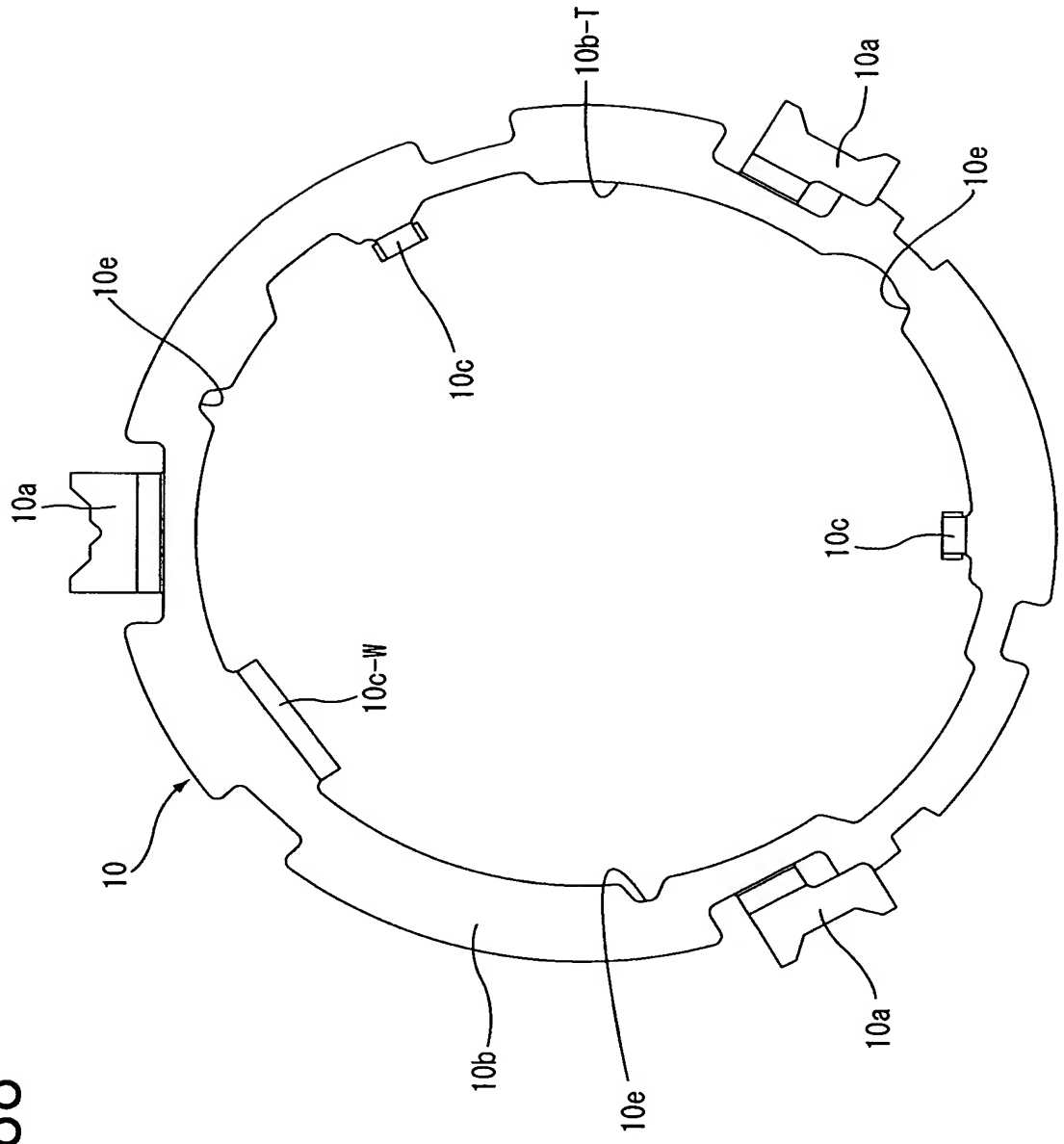


Fig. 89

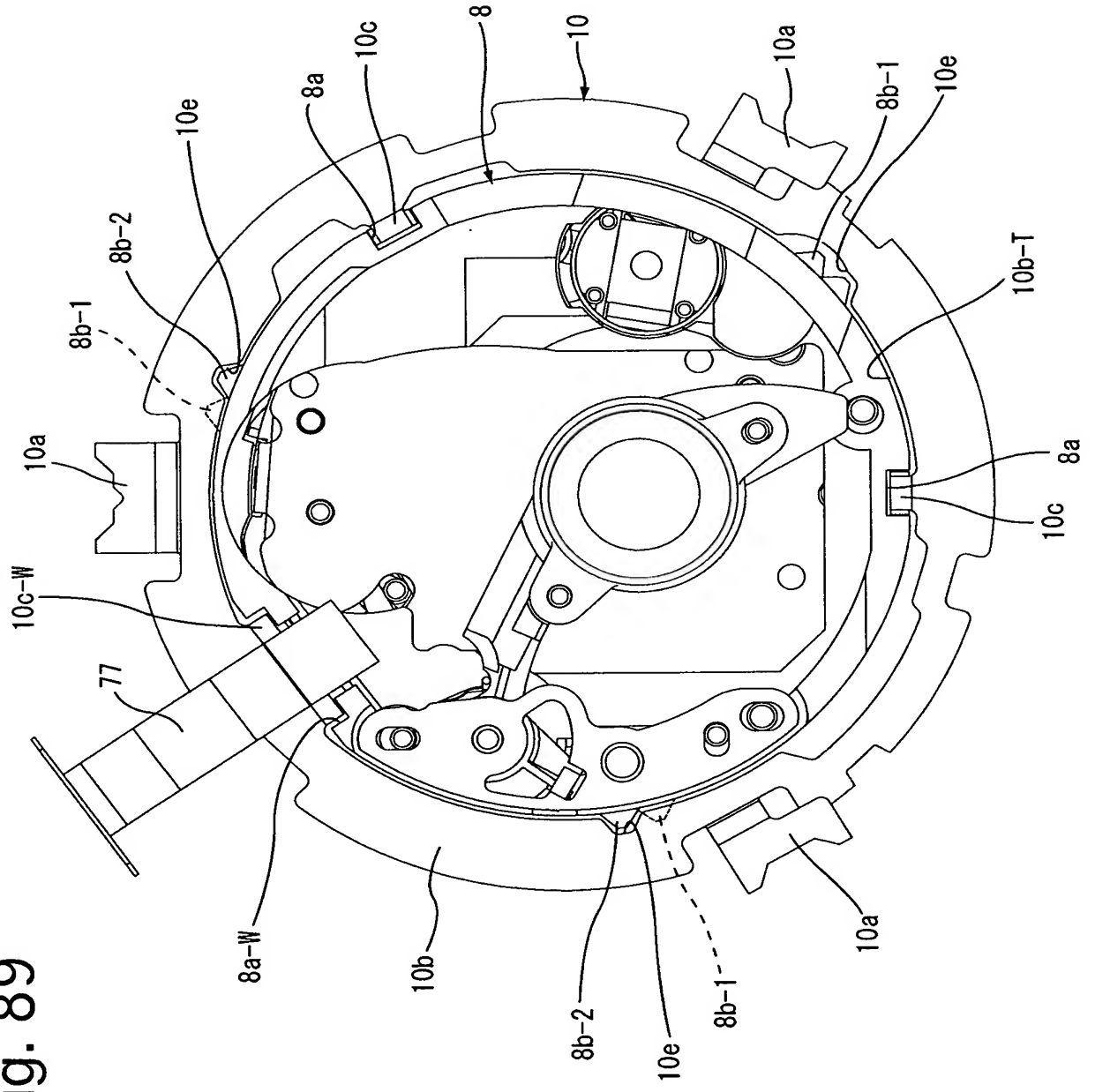


Fig. 90

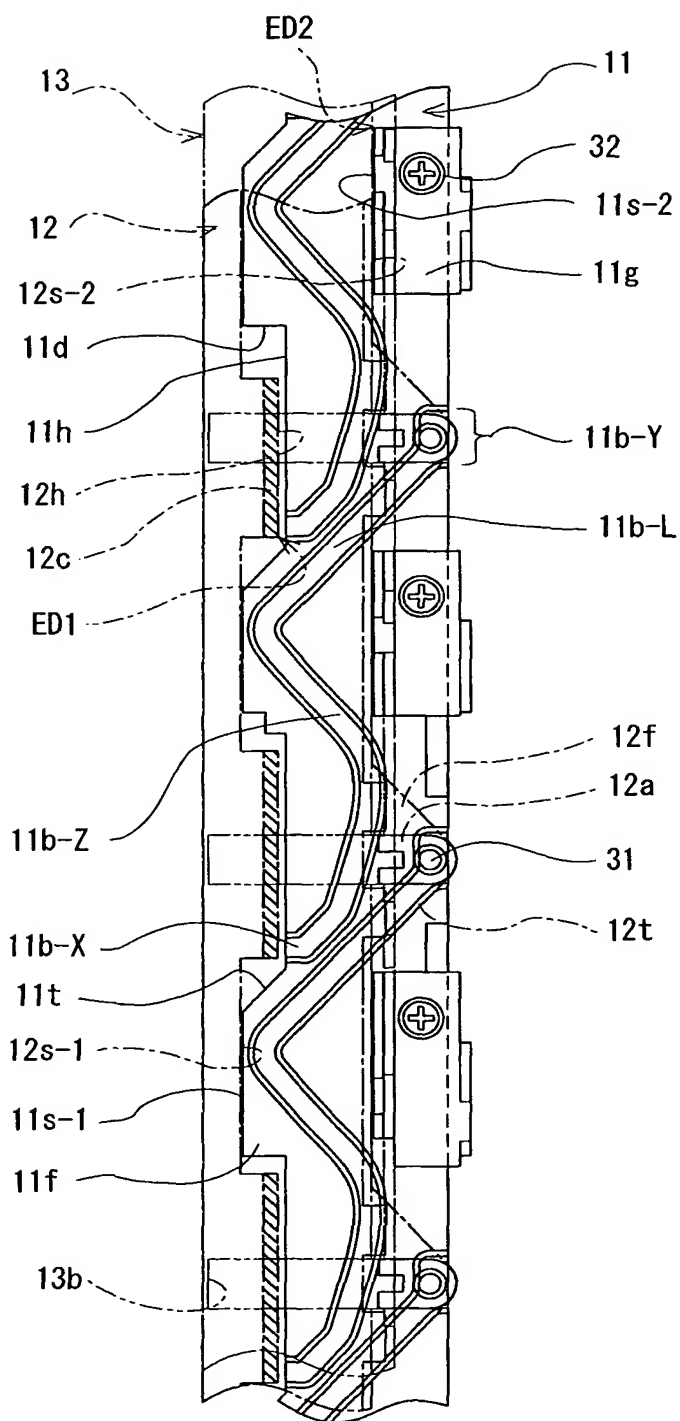


Fig. 91

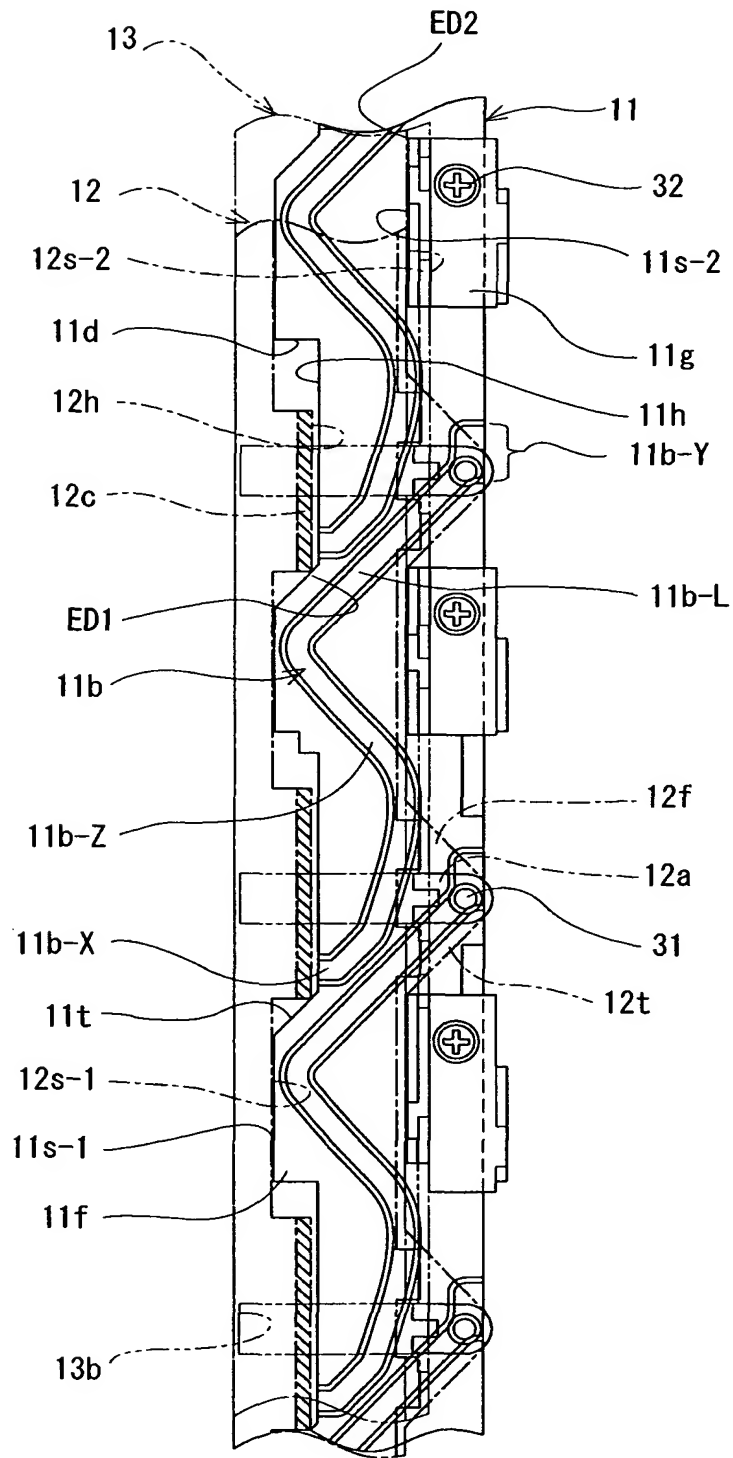


Fig. 92

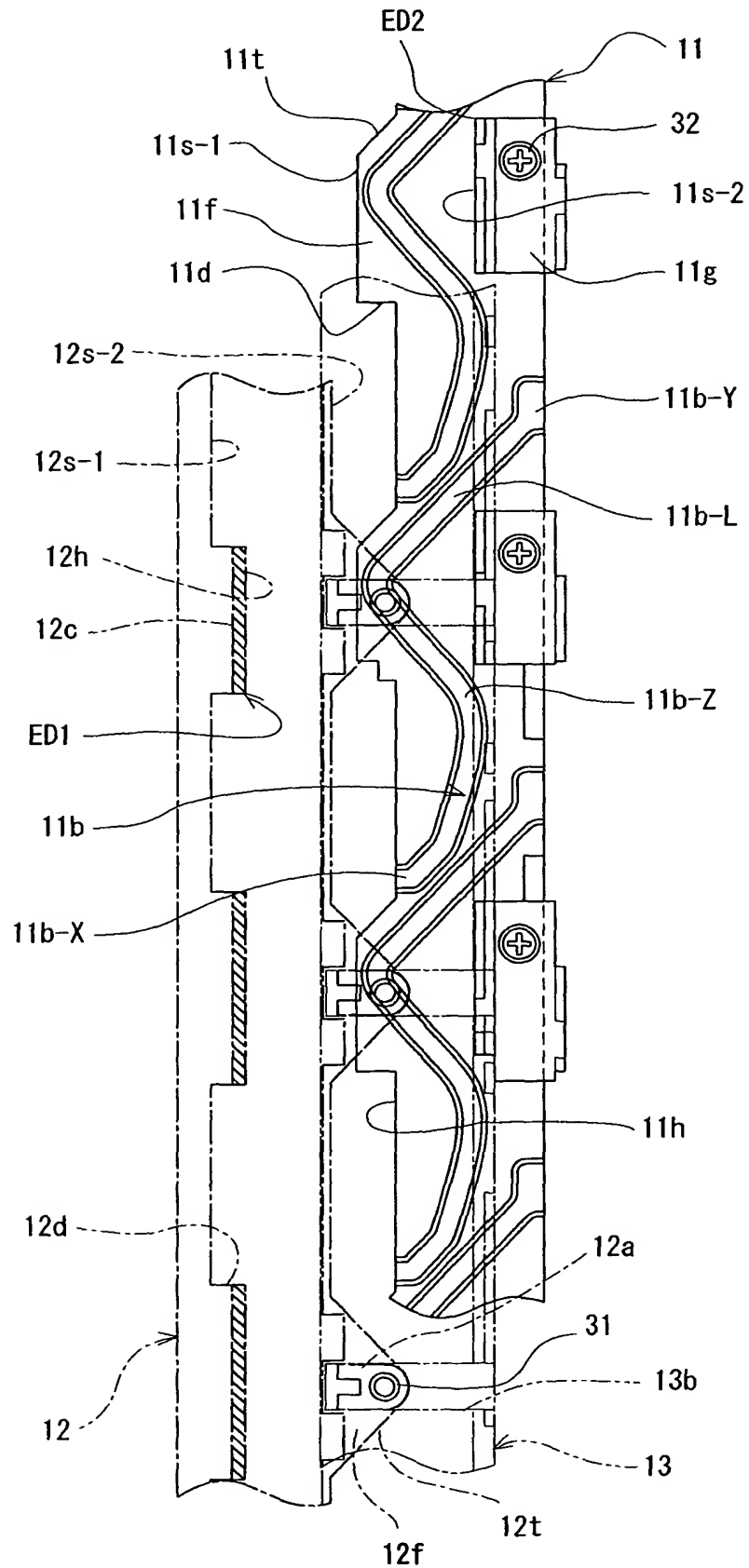


Fig. 93

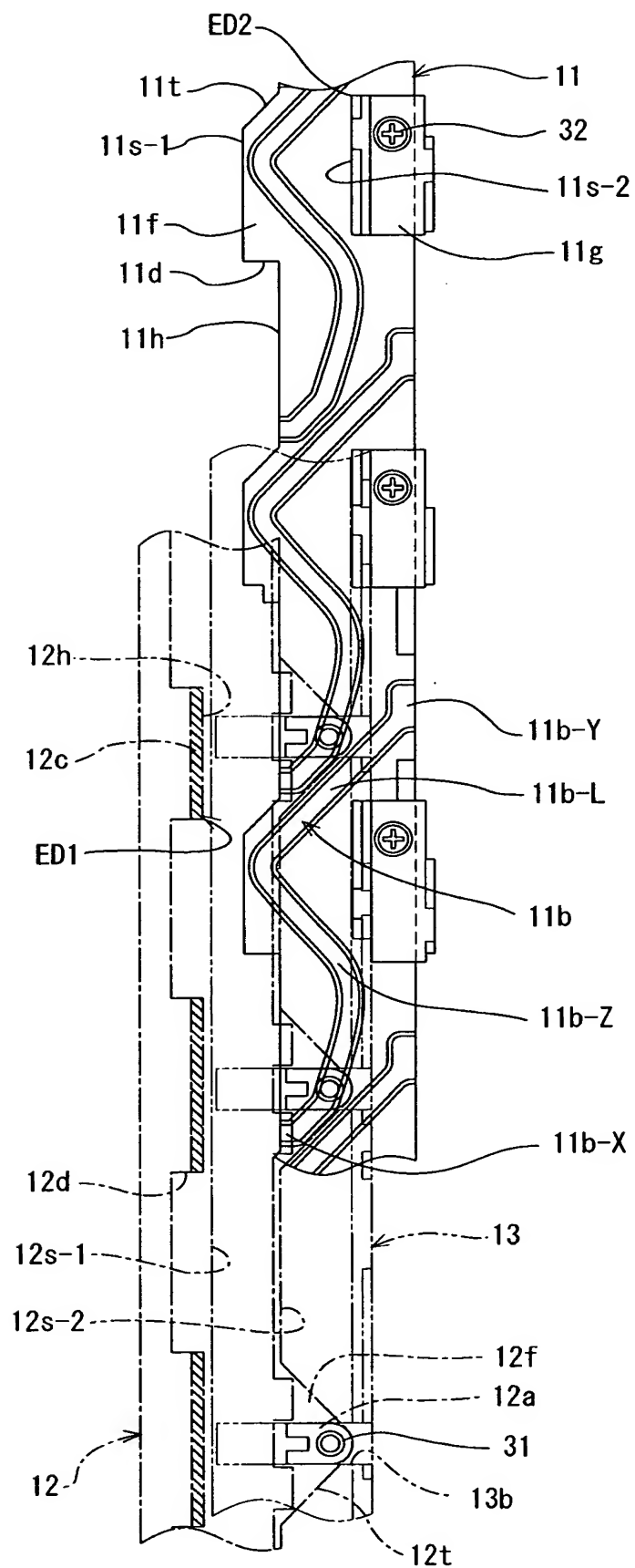


Fig. 94

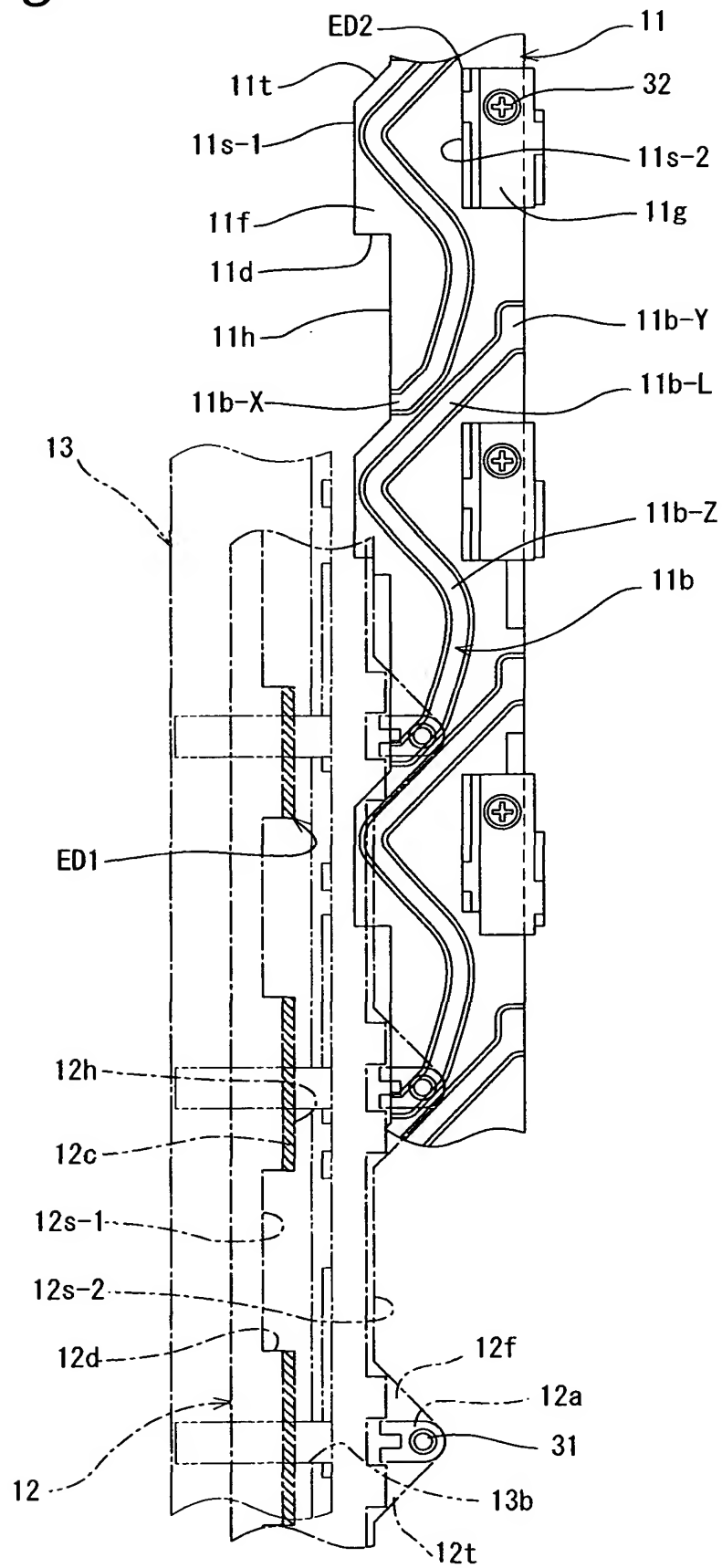


Fig. 95

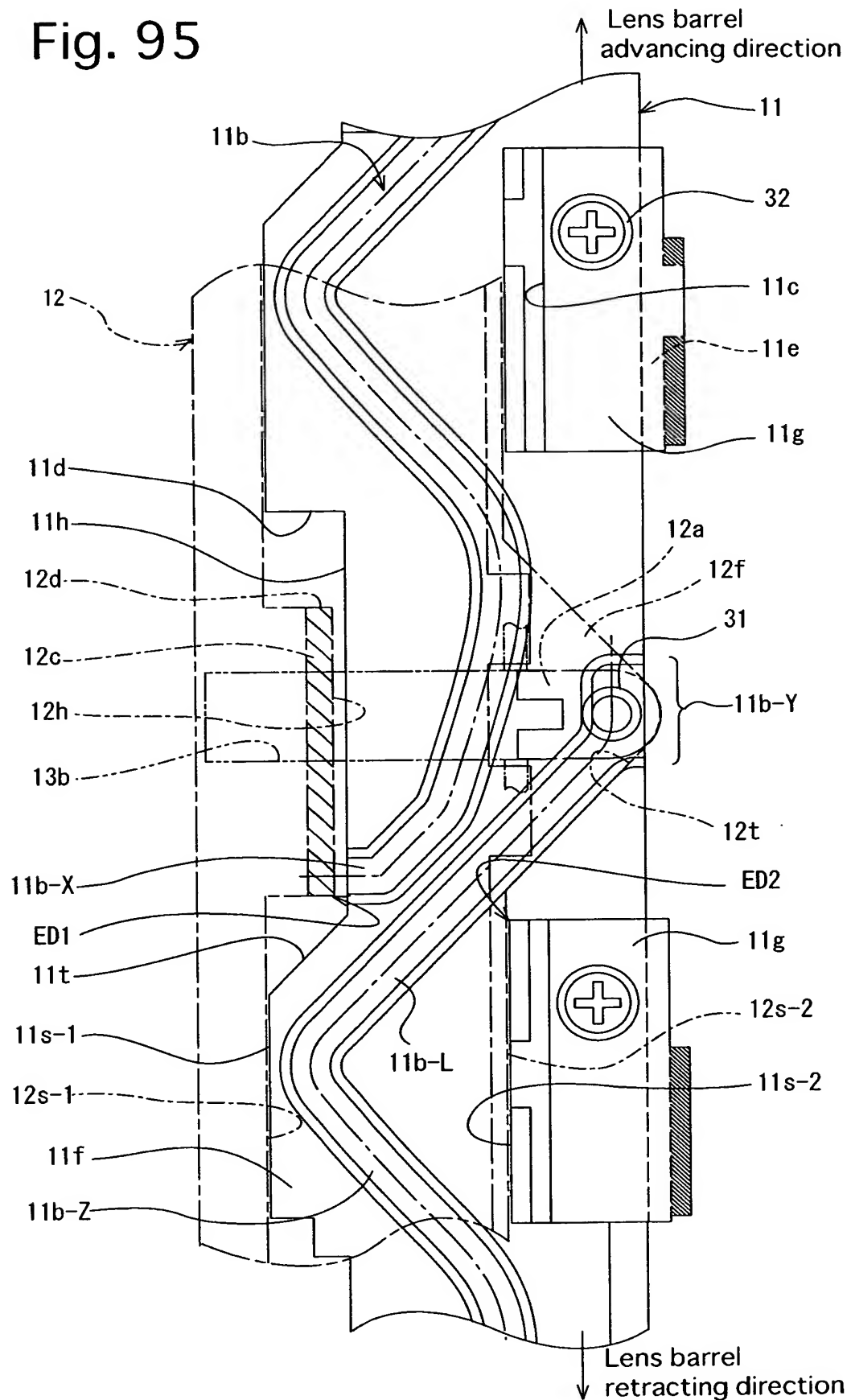


Fig. 96

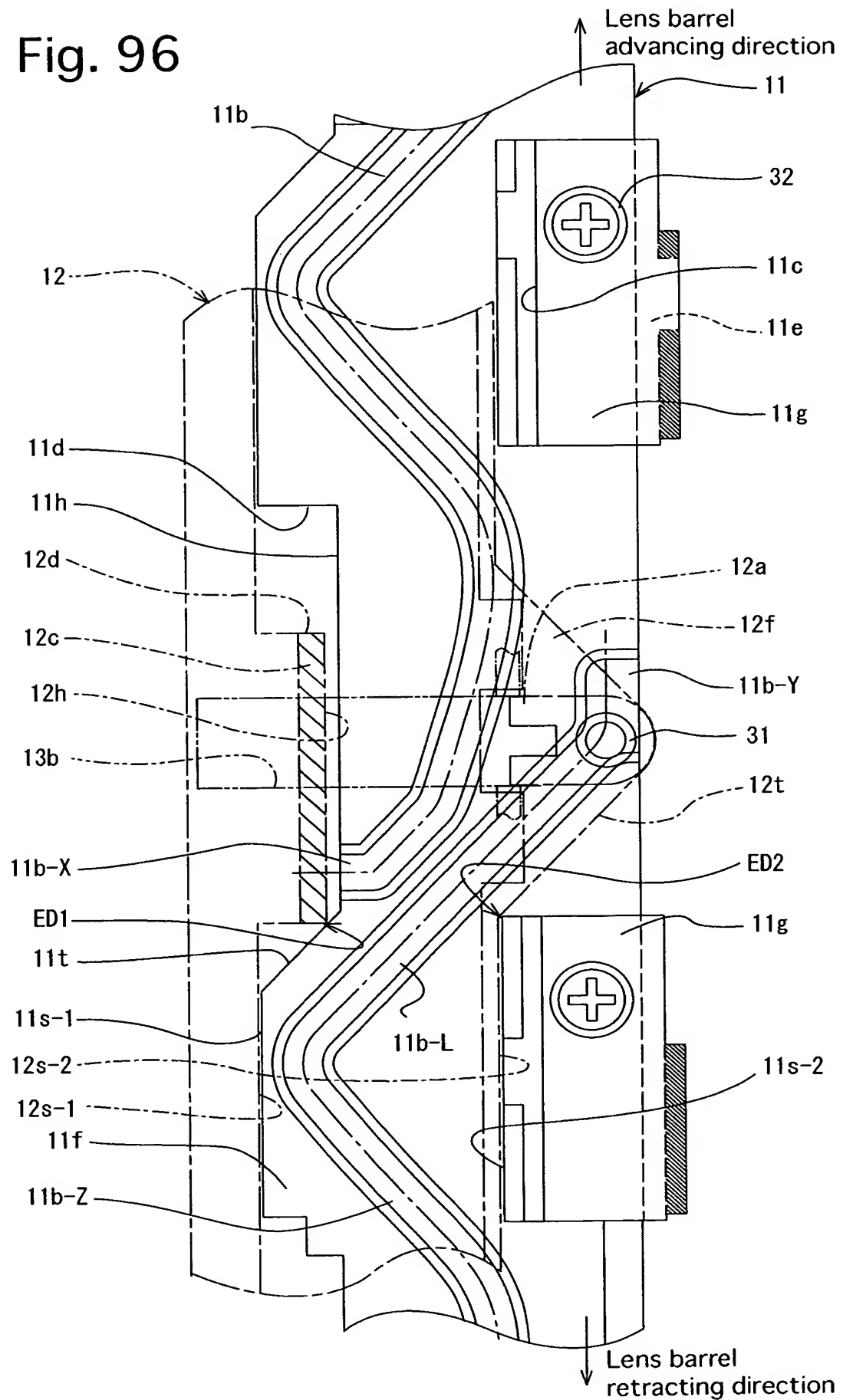


Fig. 97

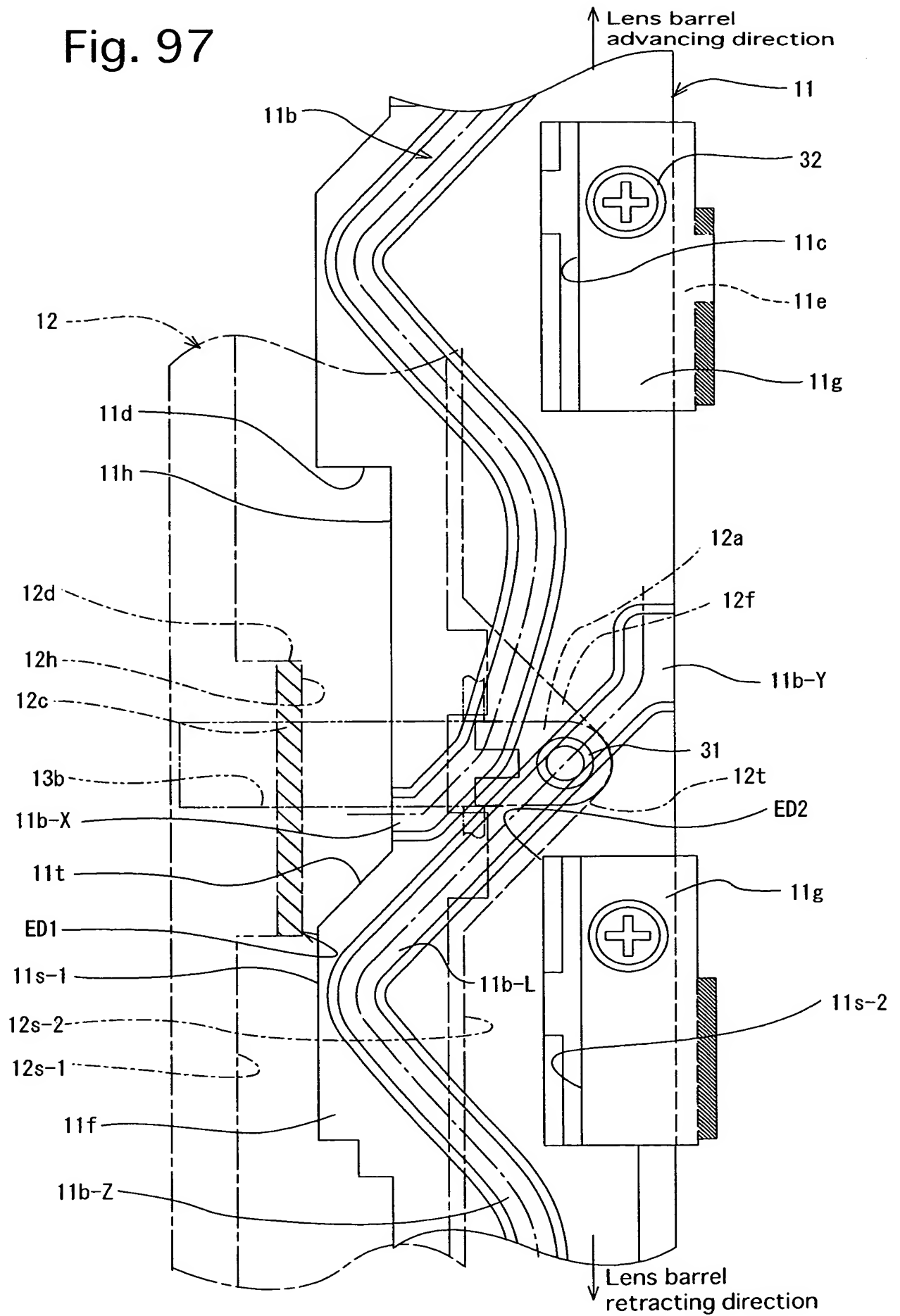


Fig. 98

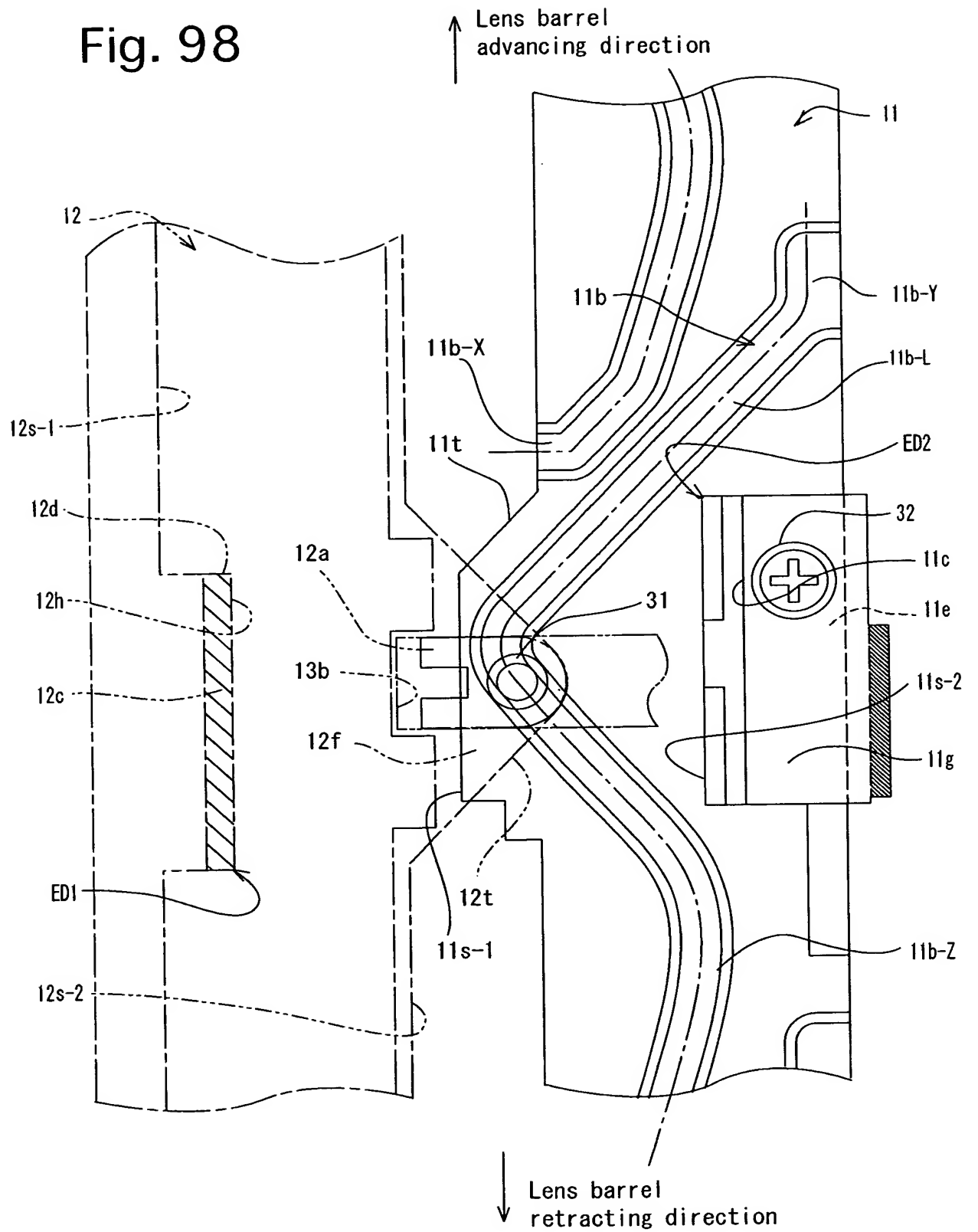


Fig. 99

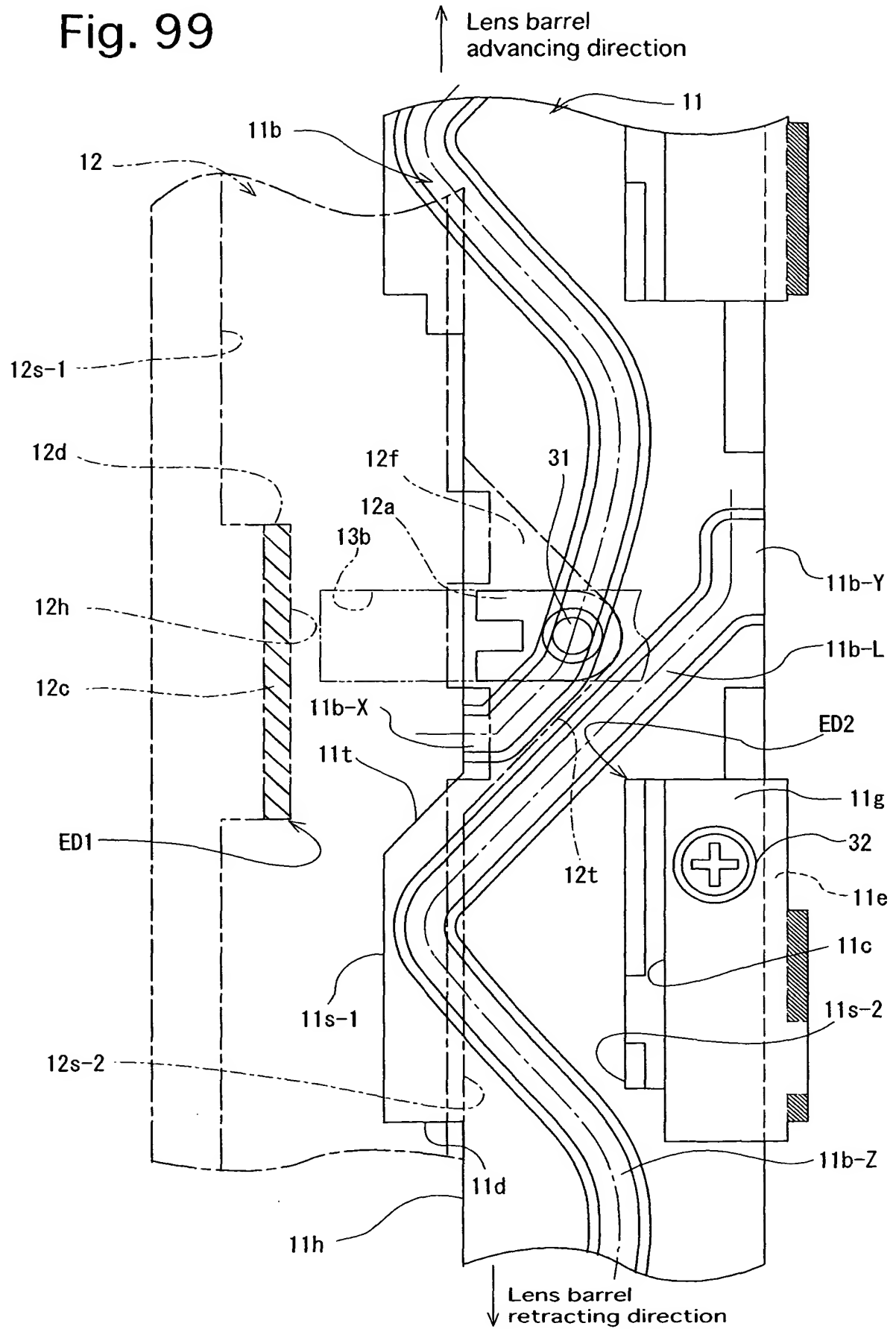


Fig. 100

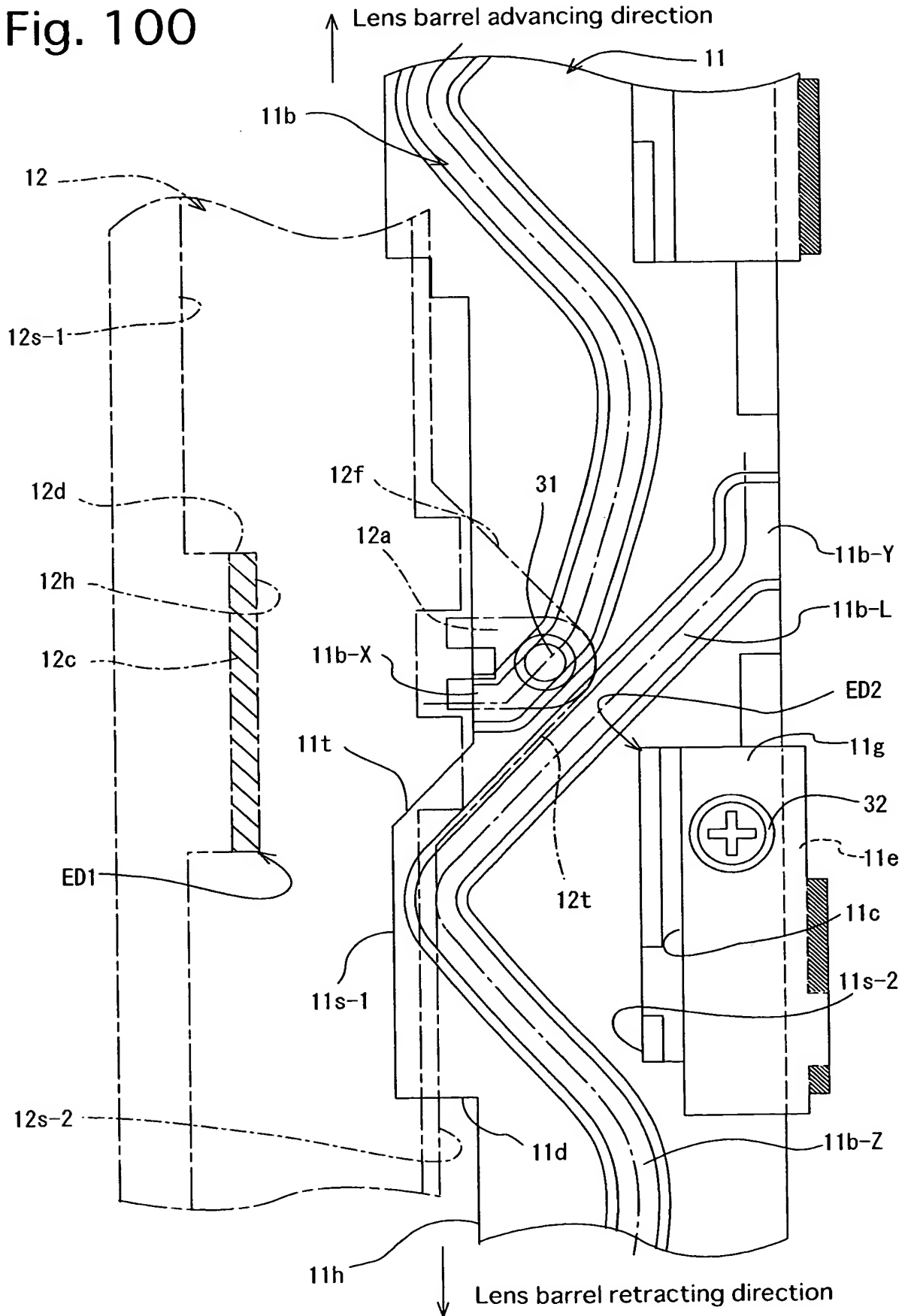


Fig. 101

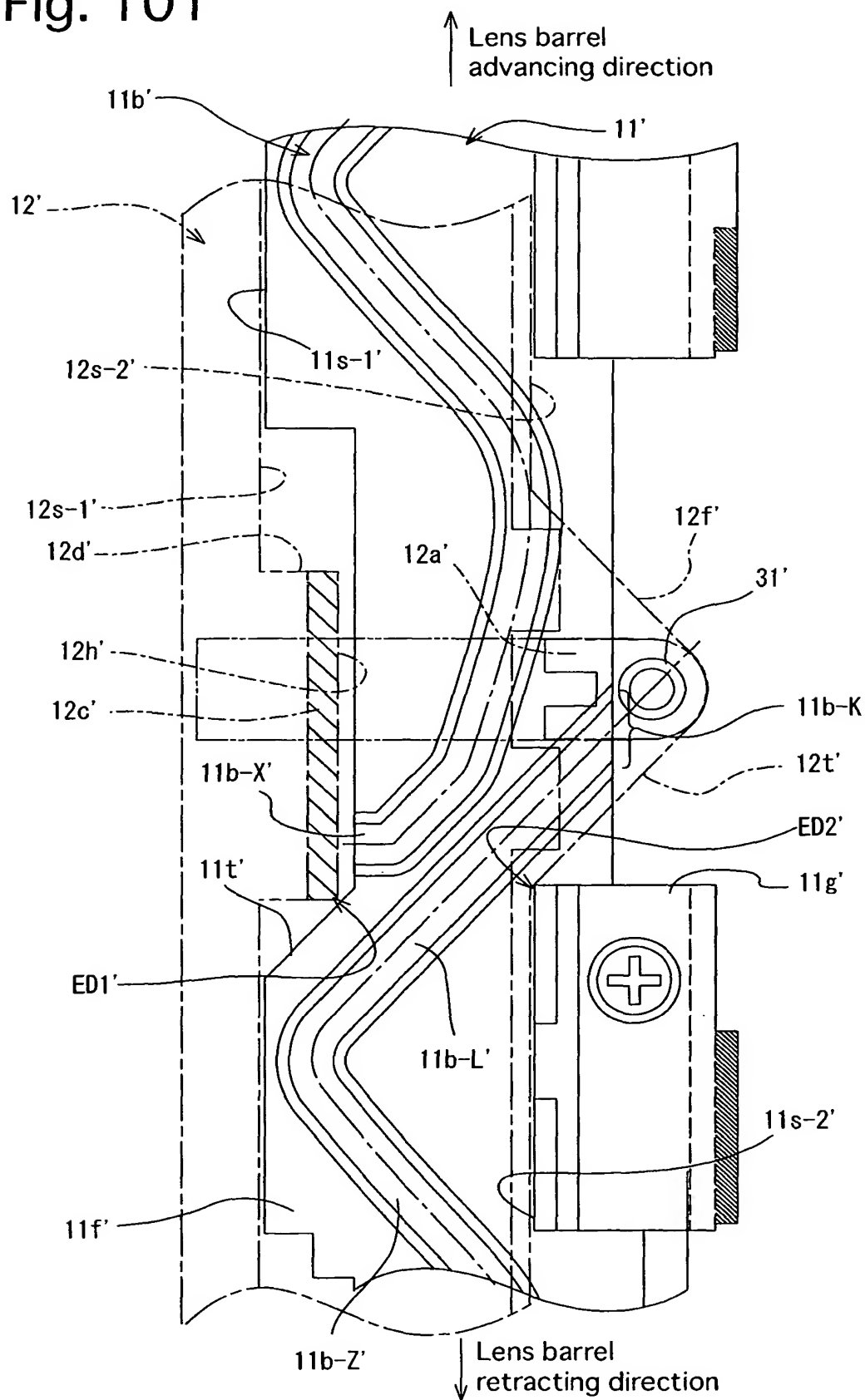
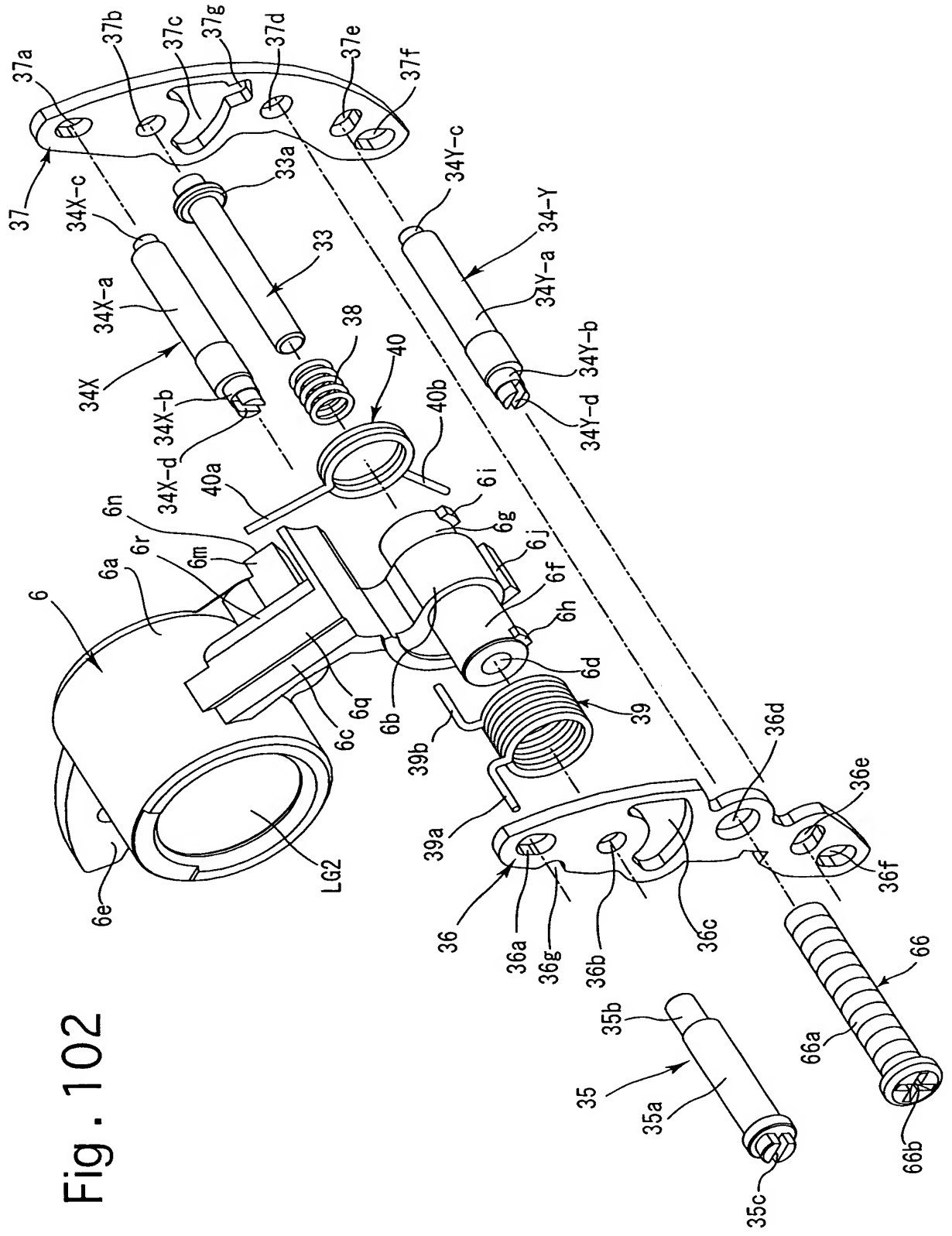


Fig. 102



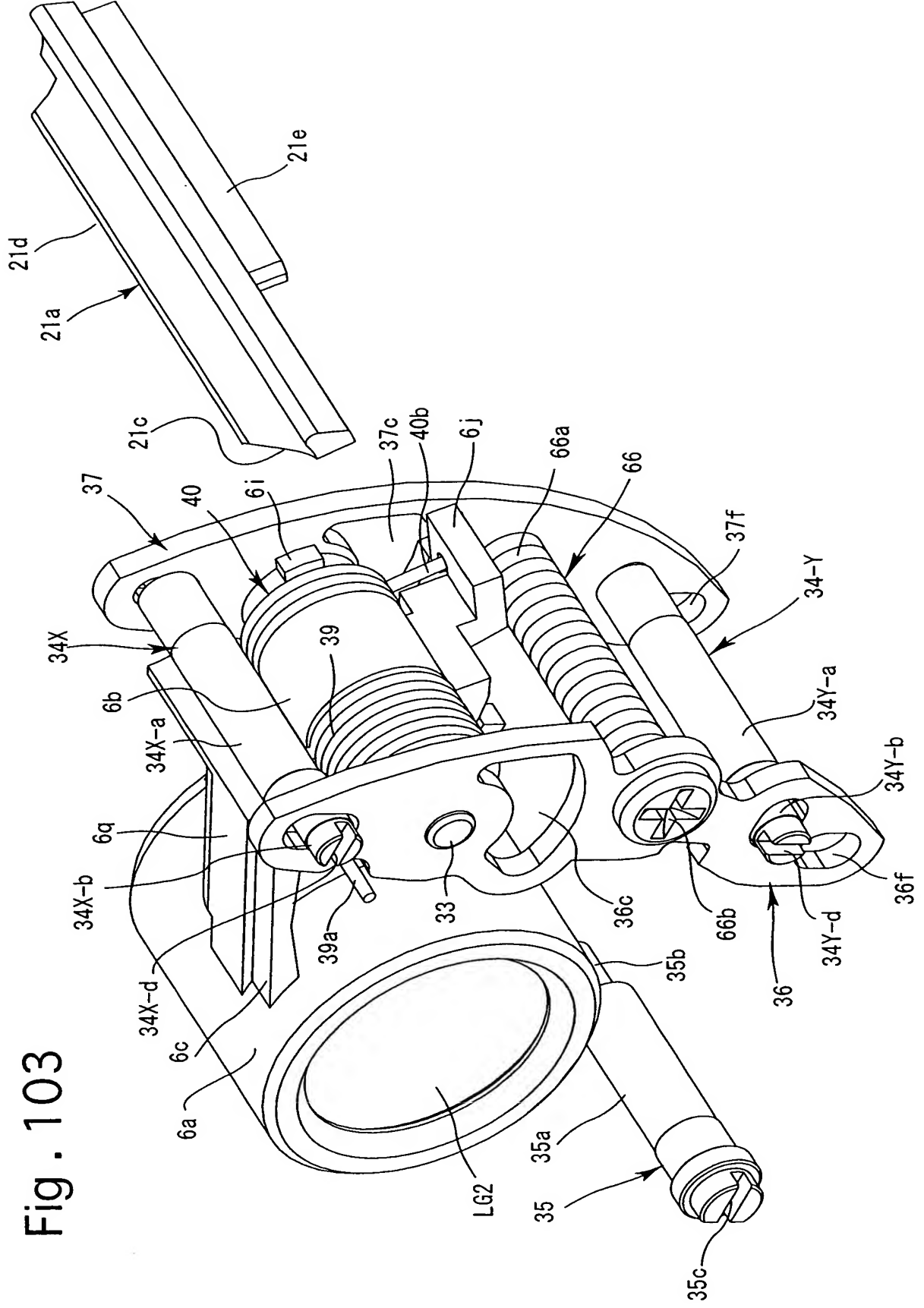


Fig . 103

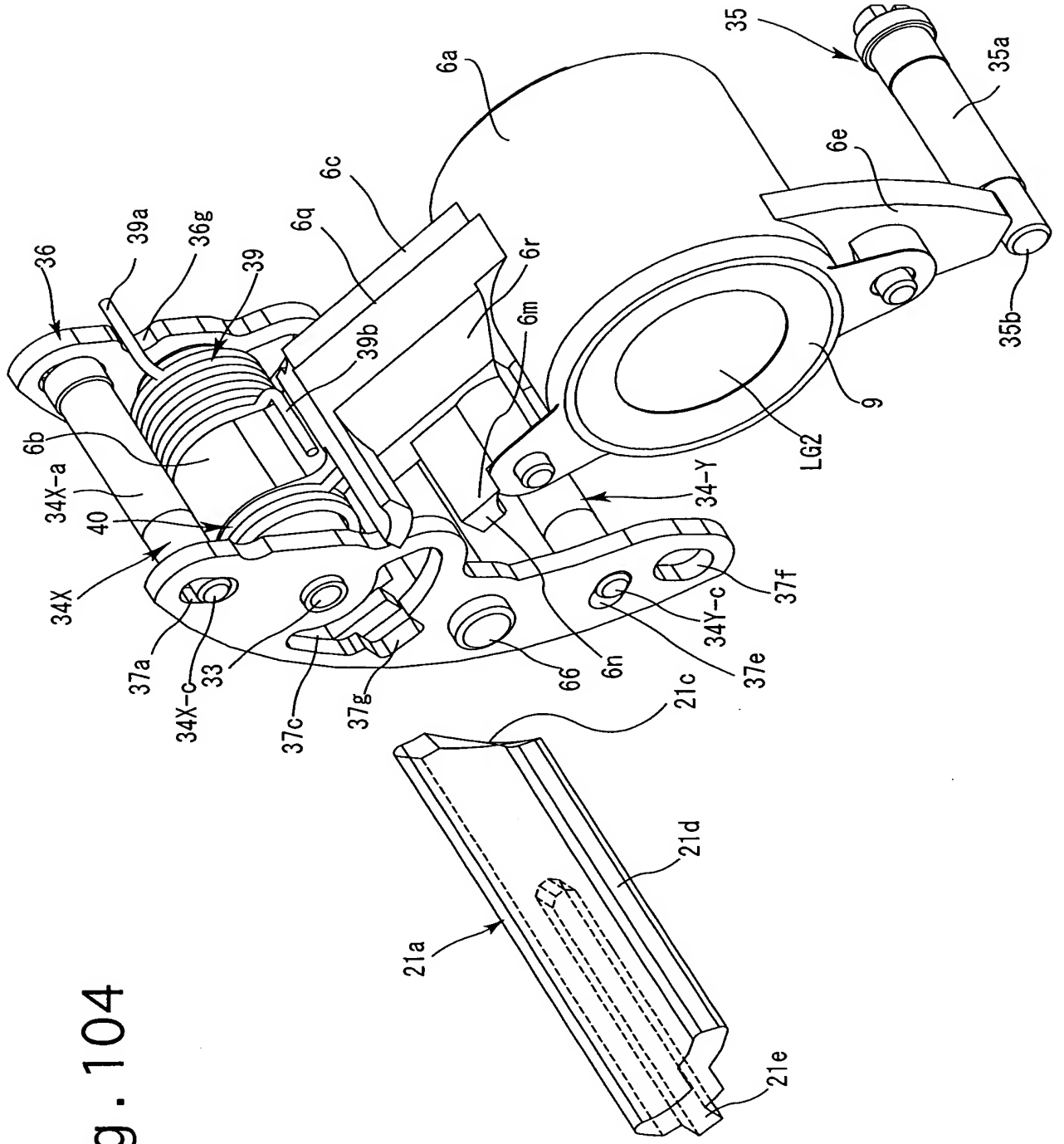


Fig. 105

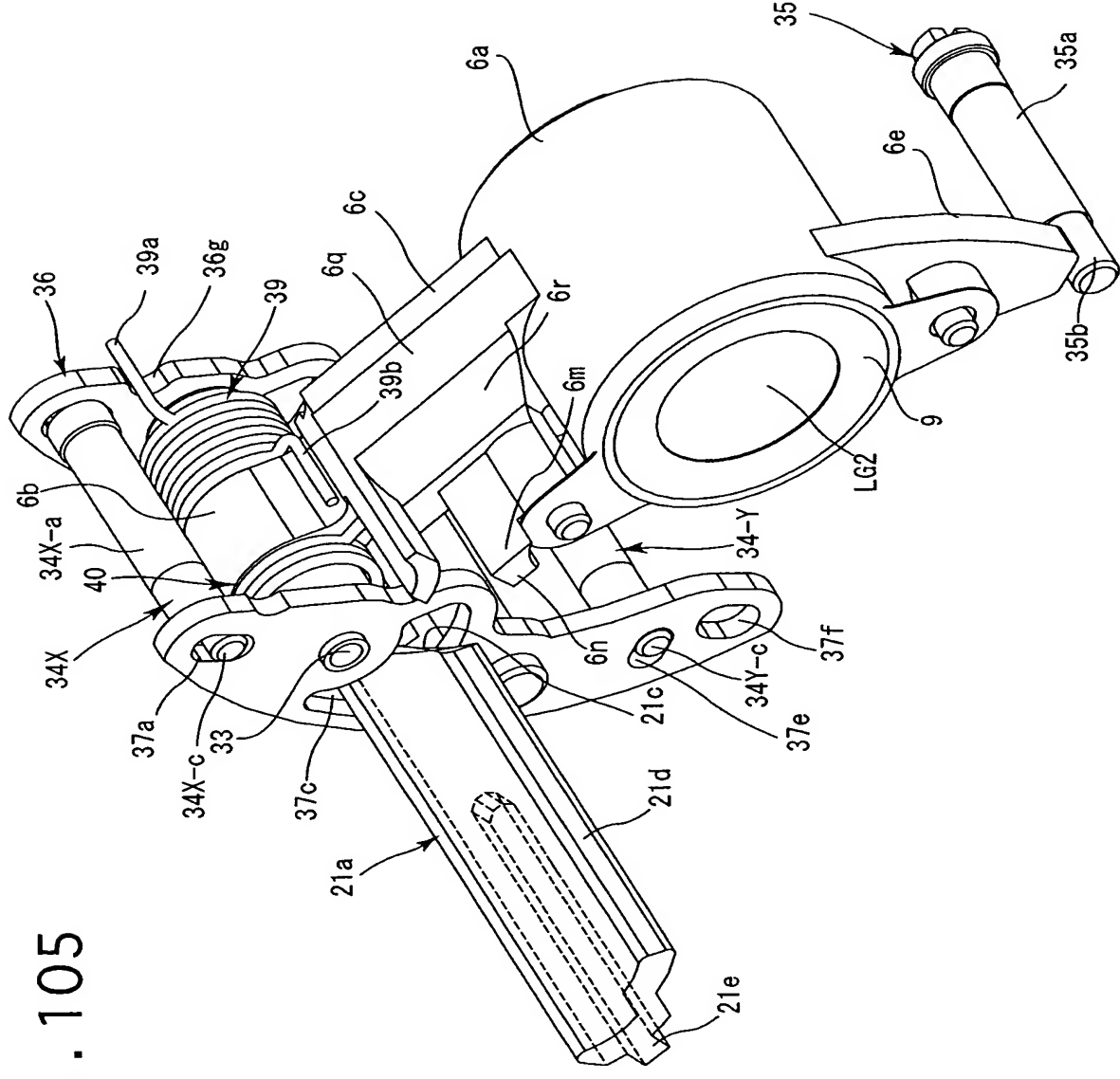


Fig. 106

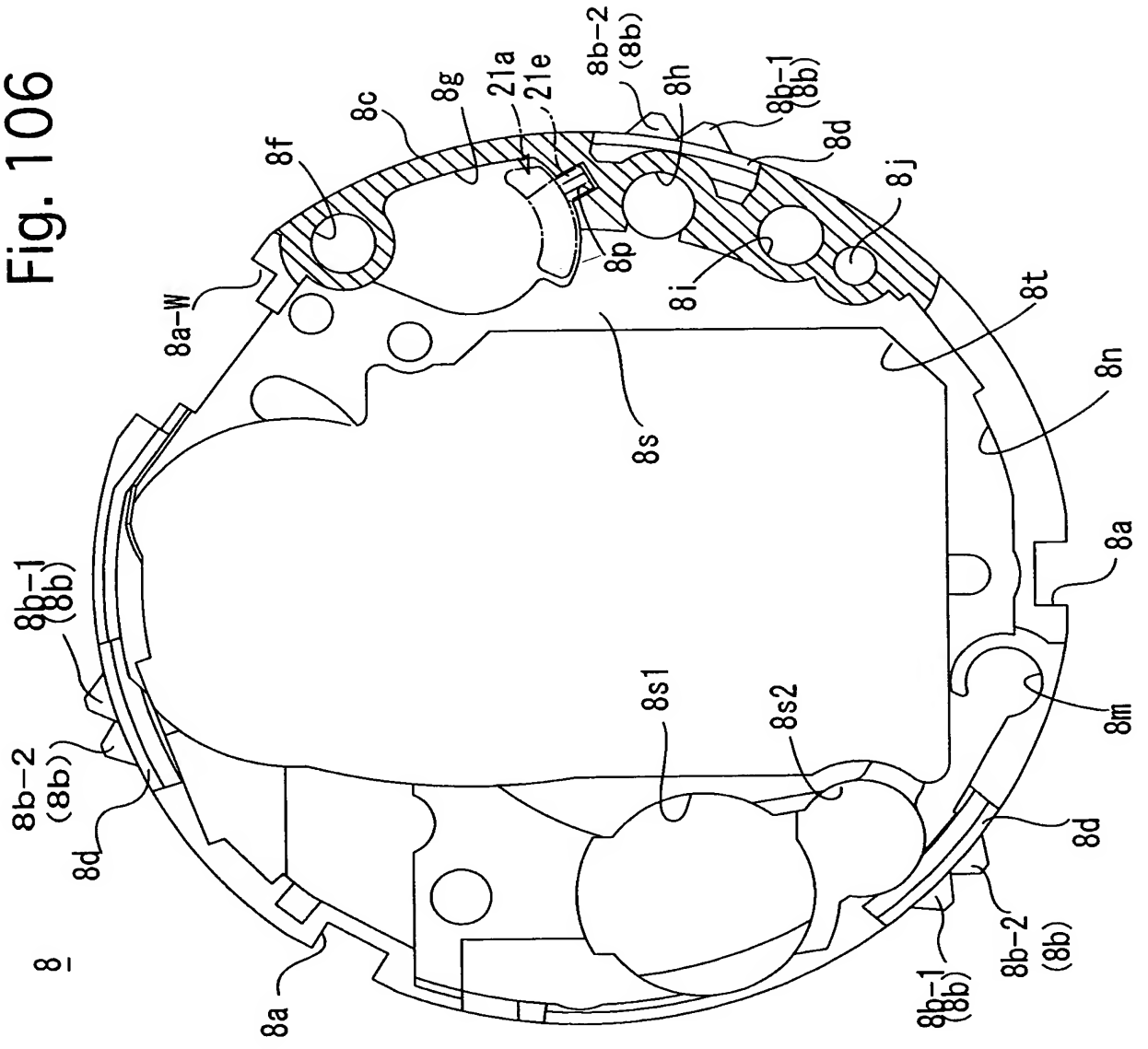
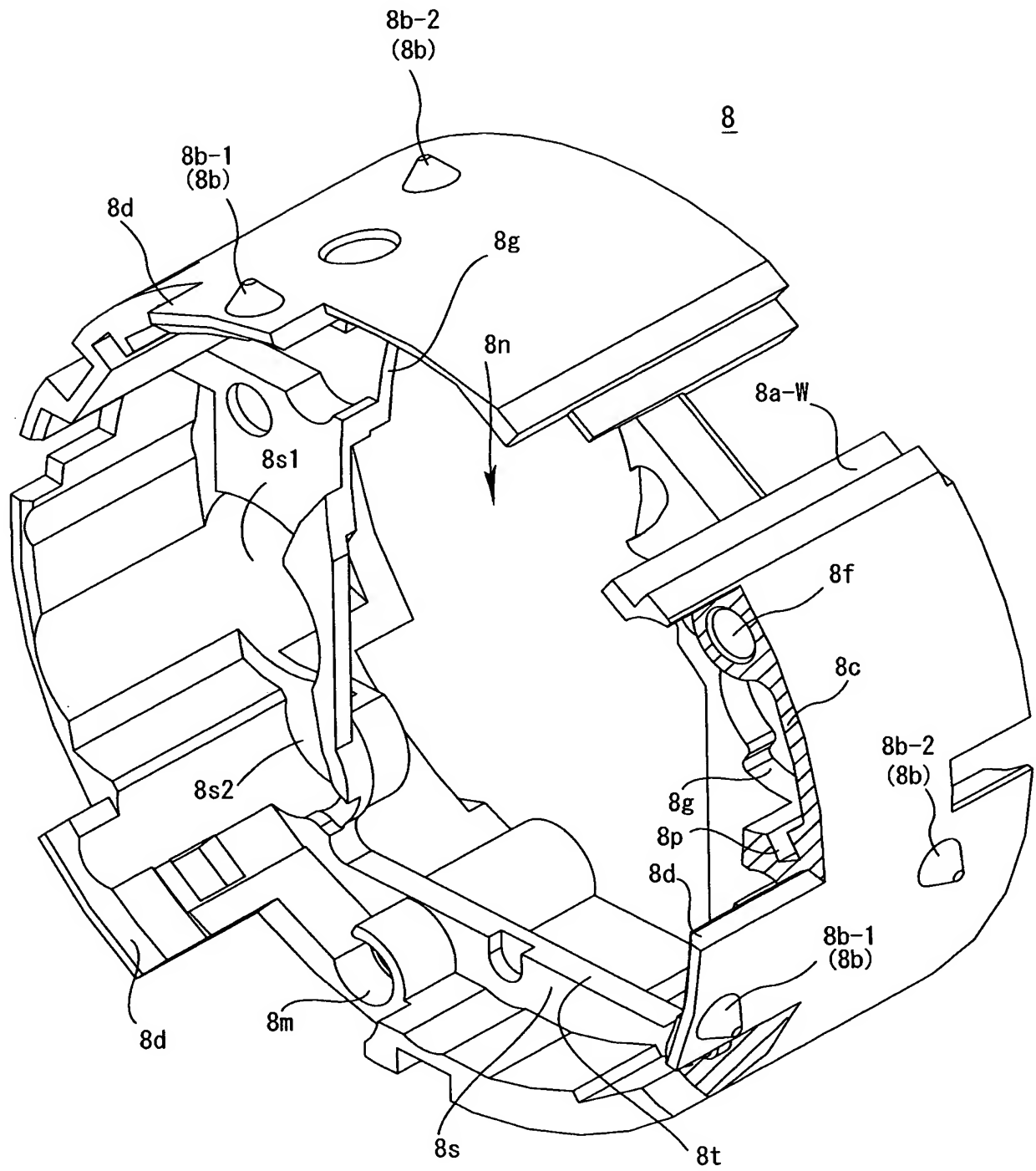


Fig. 107



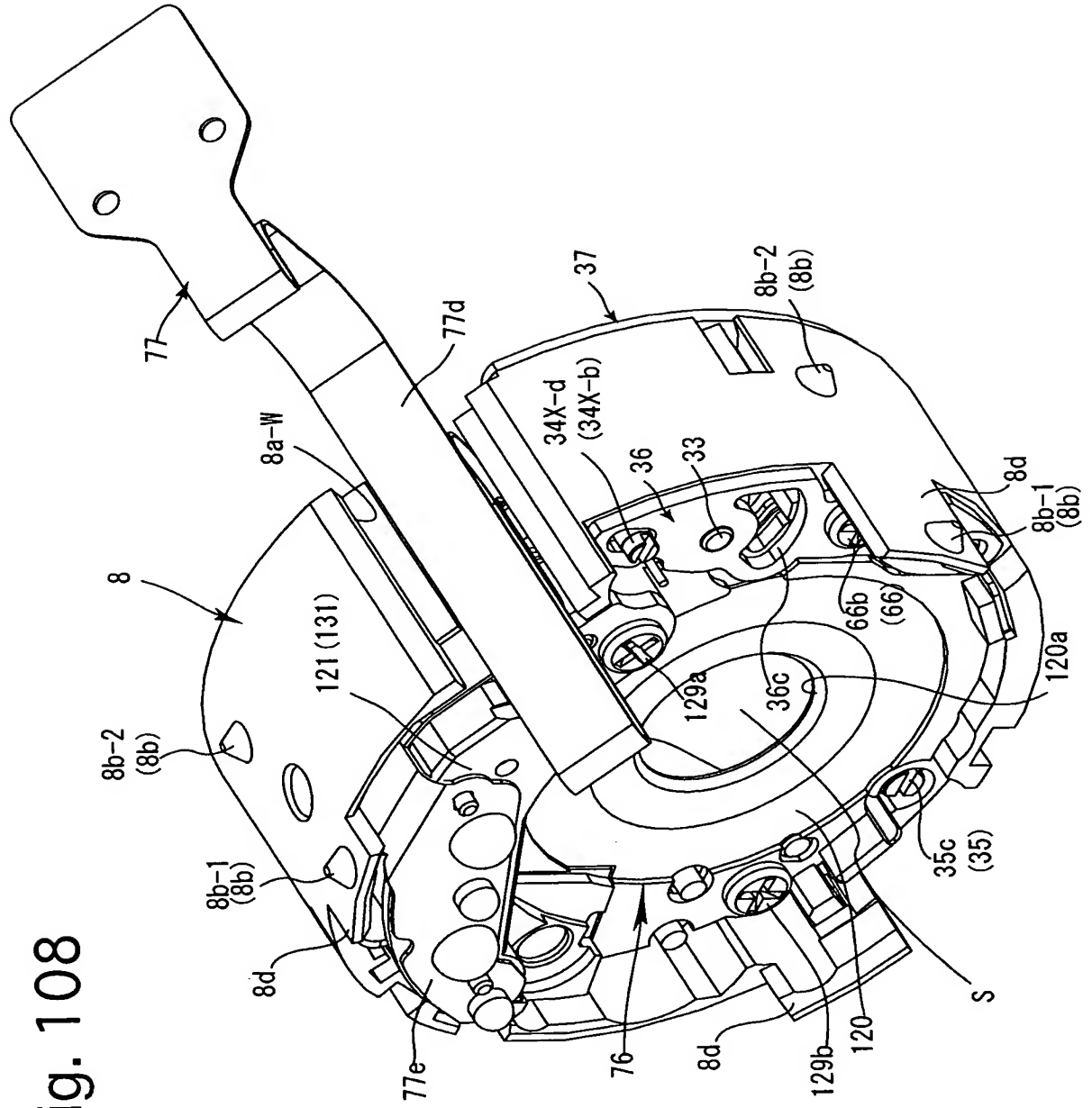


Fig. 109

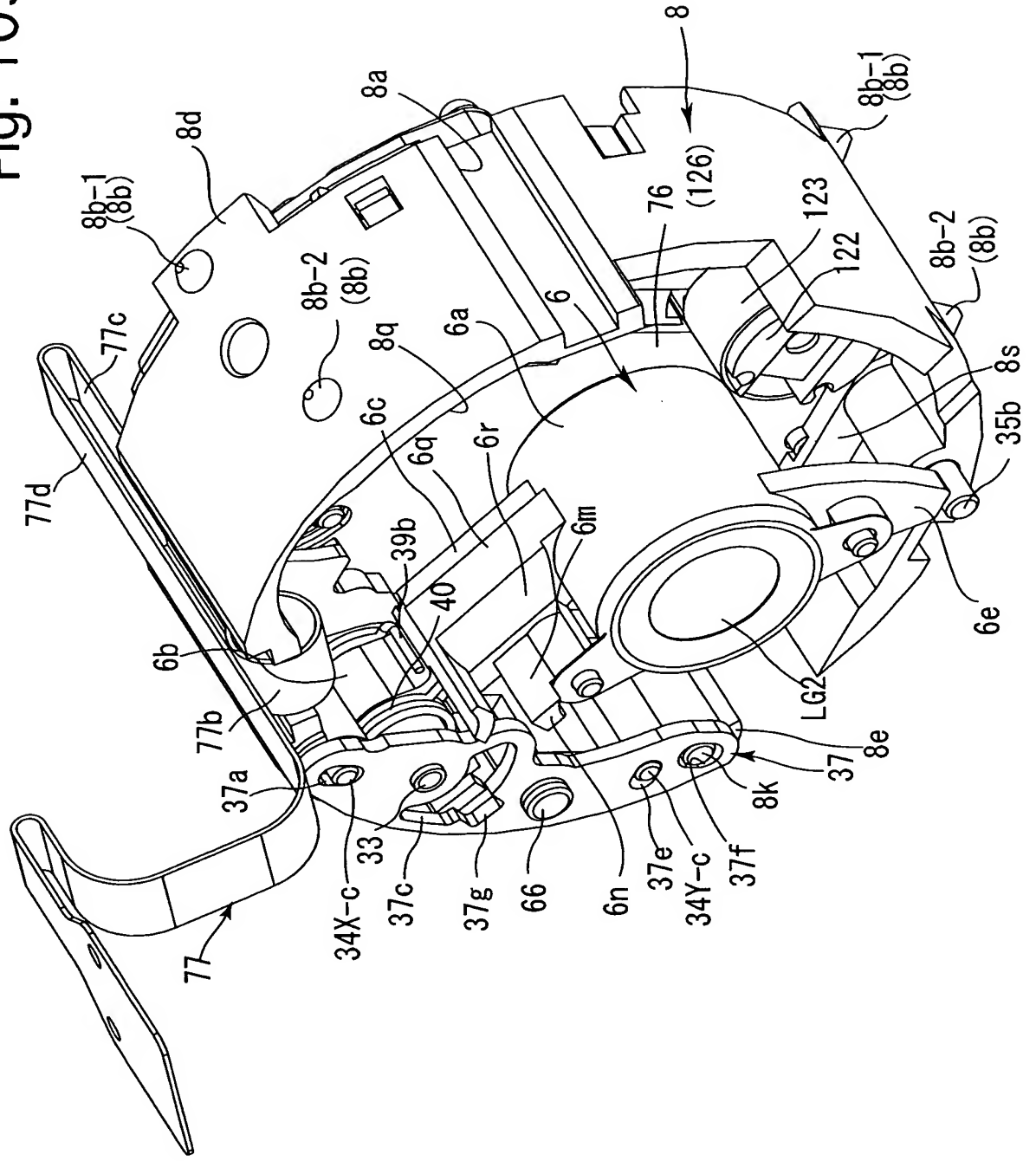


Fig. 110

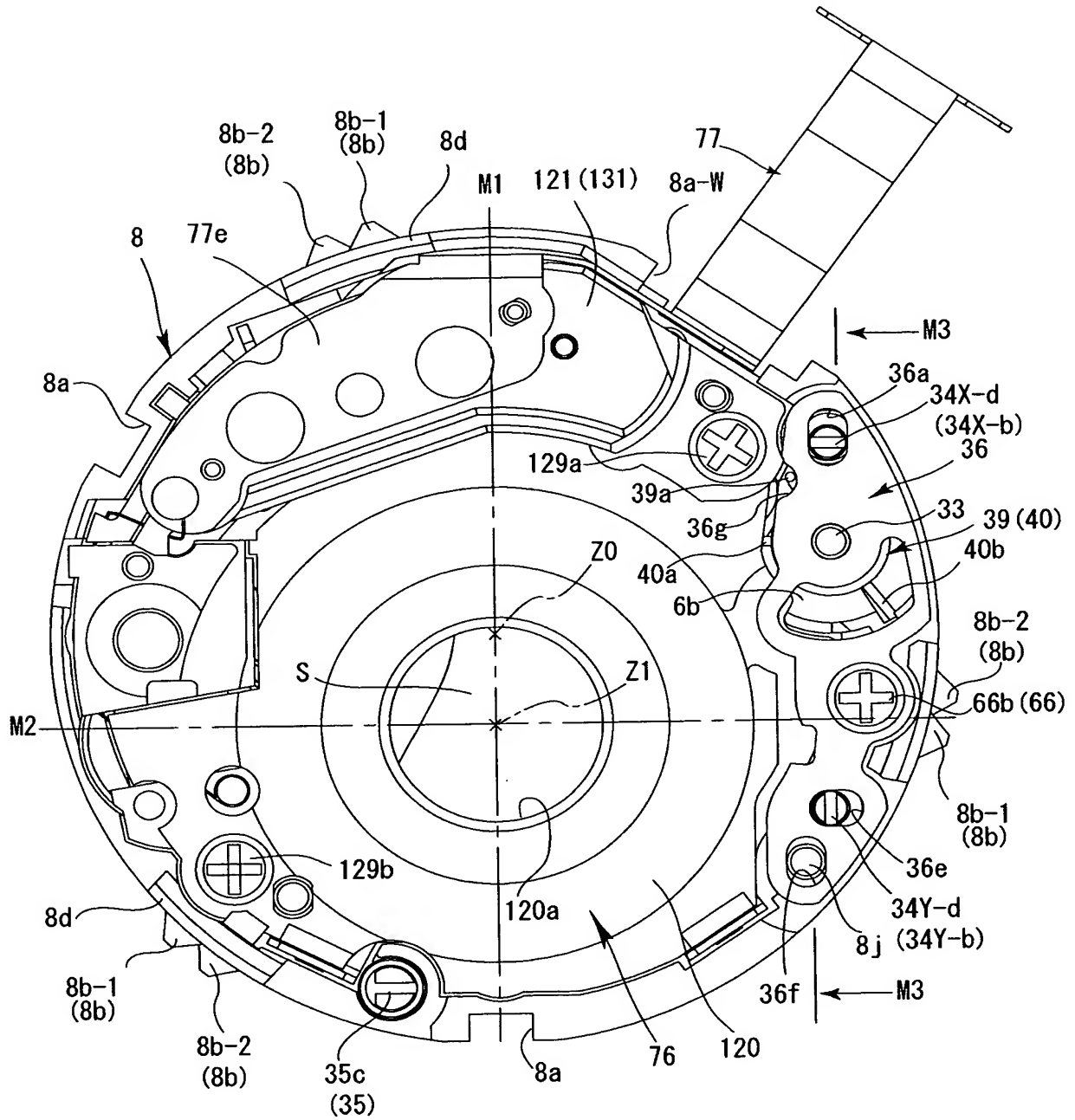


Fig. 112

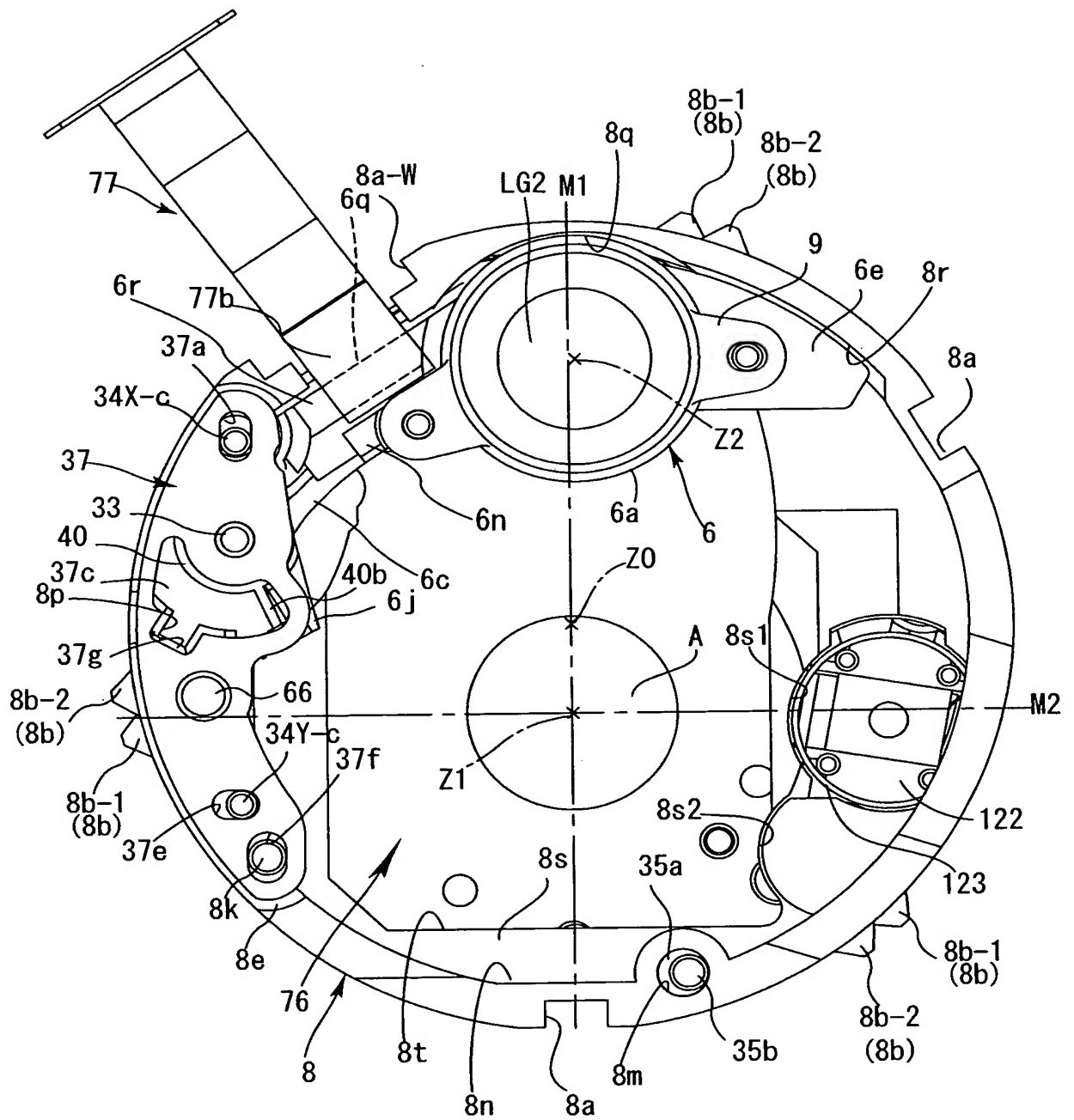


Fig.1 13

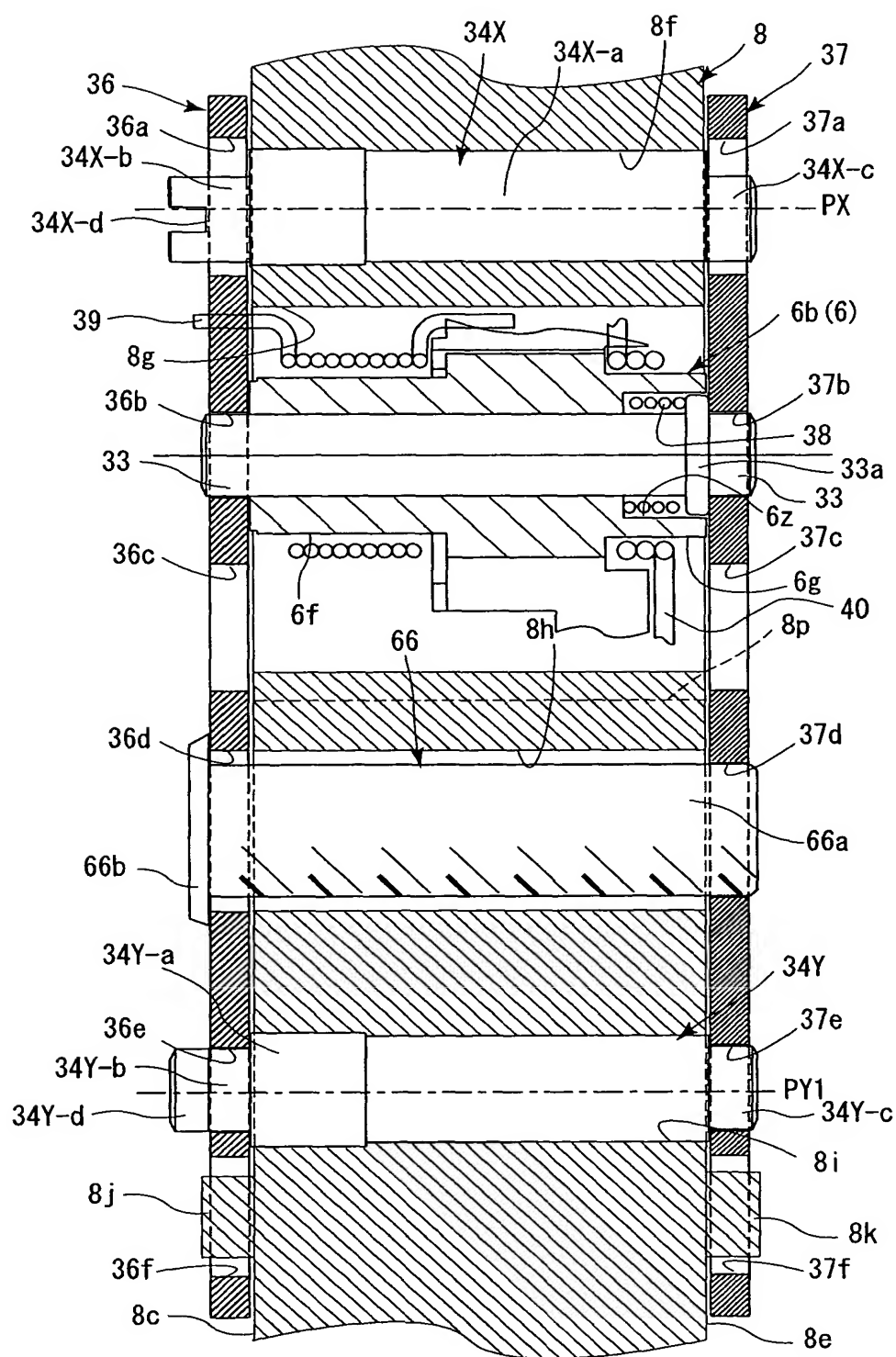


Fig . 114

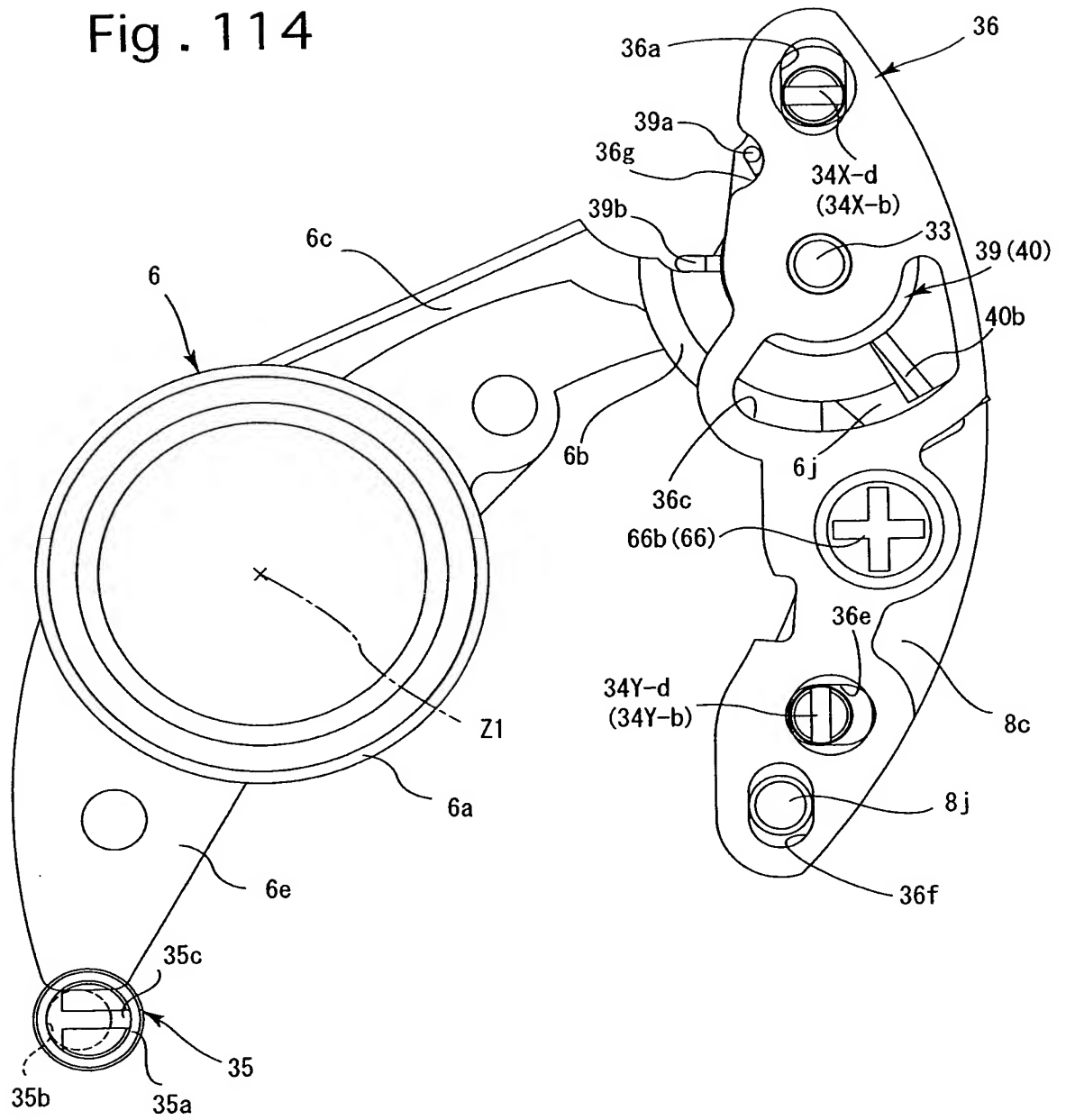


Fig . 115

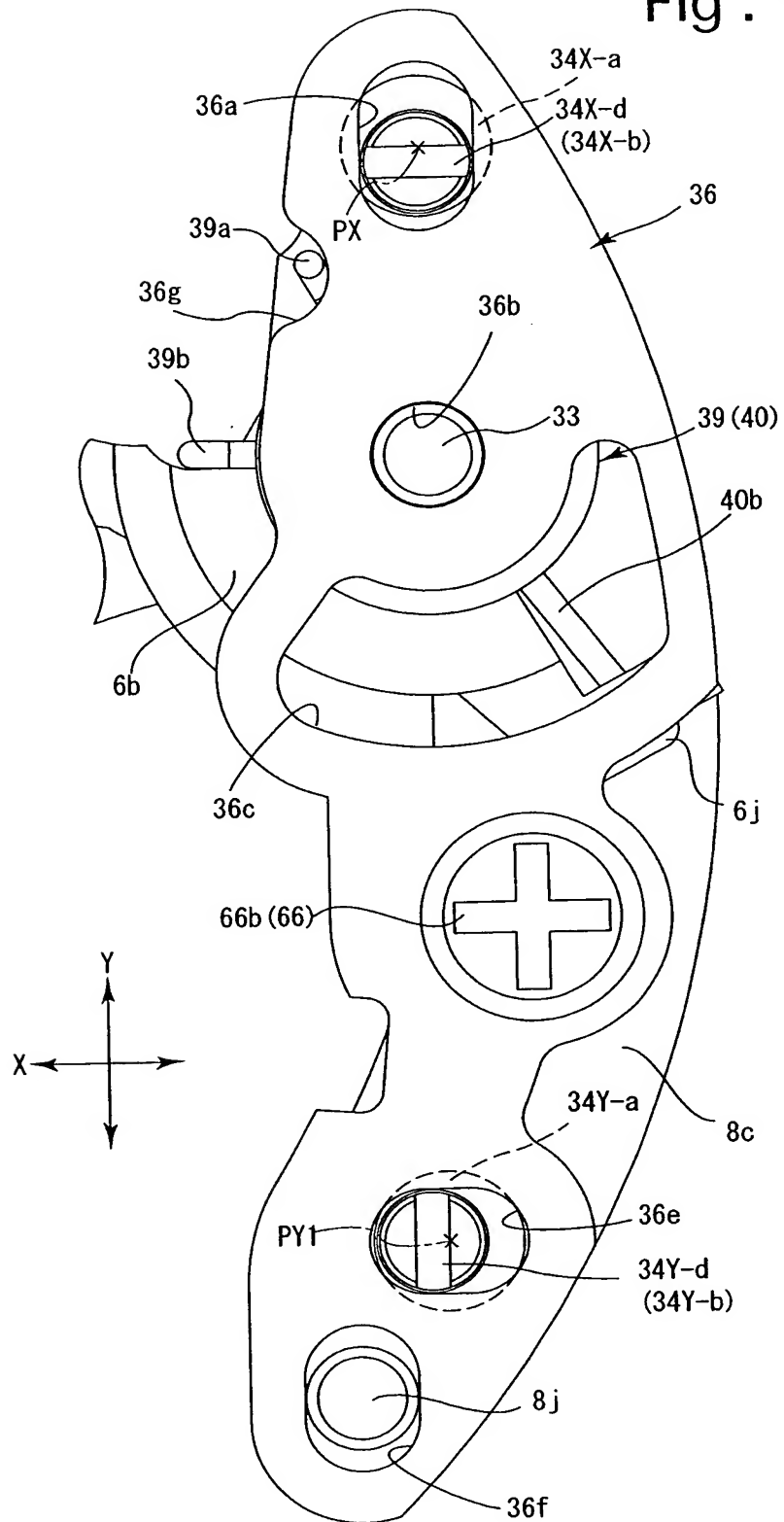


Fig. 116

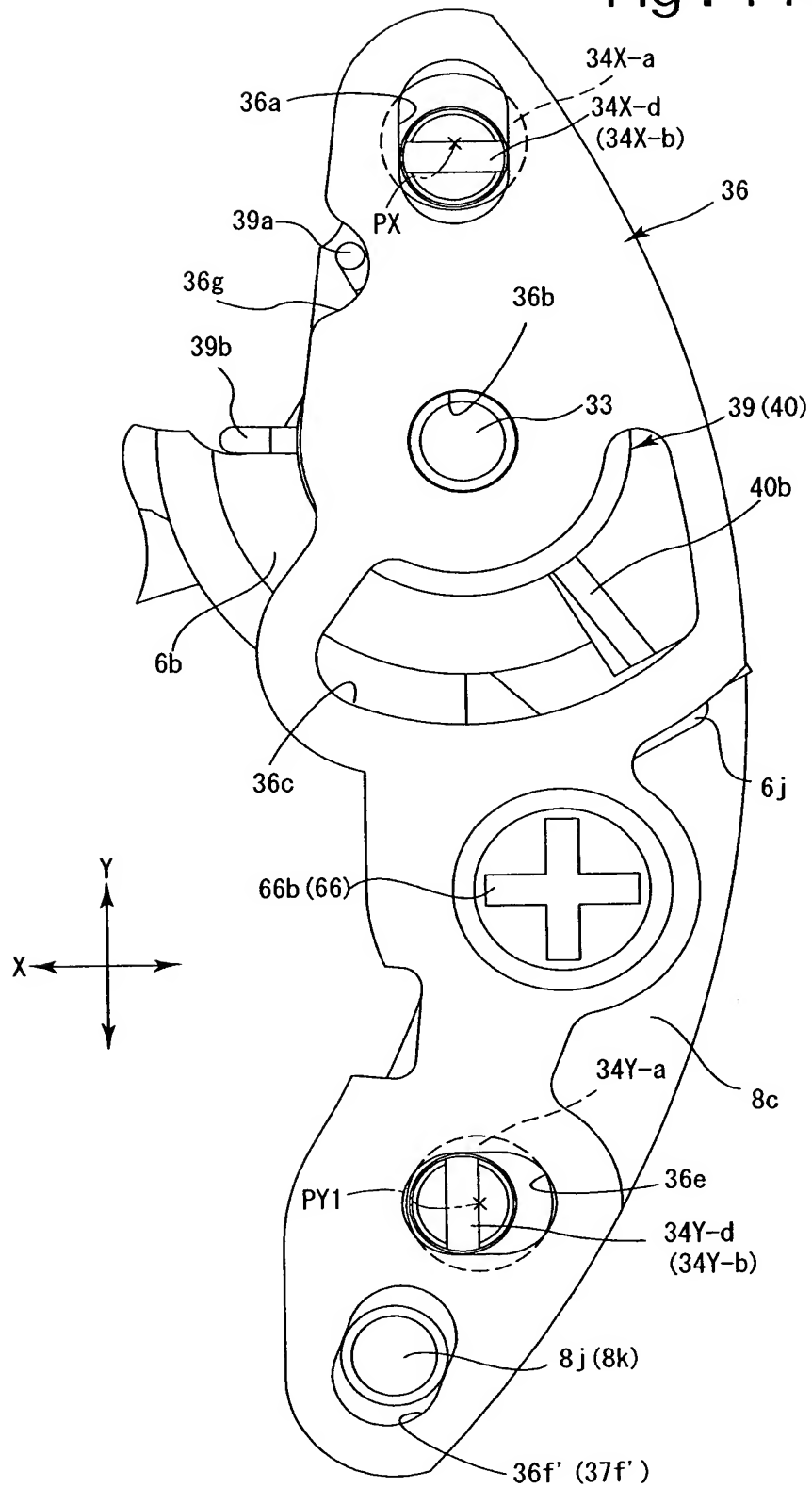
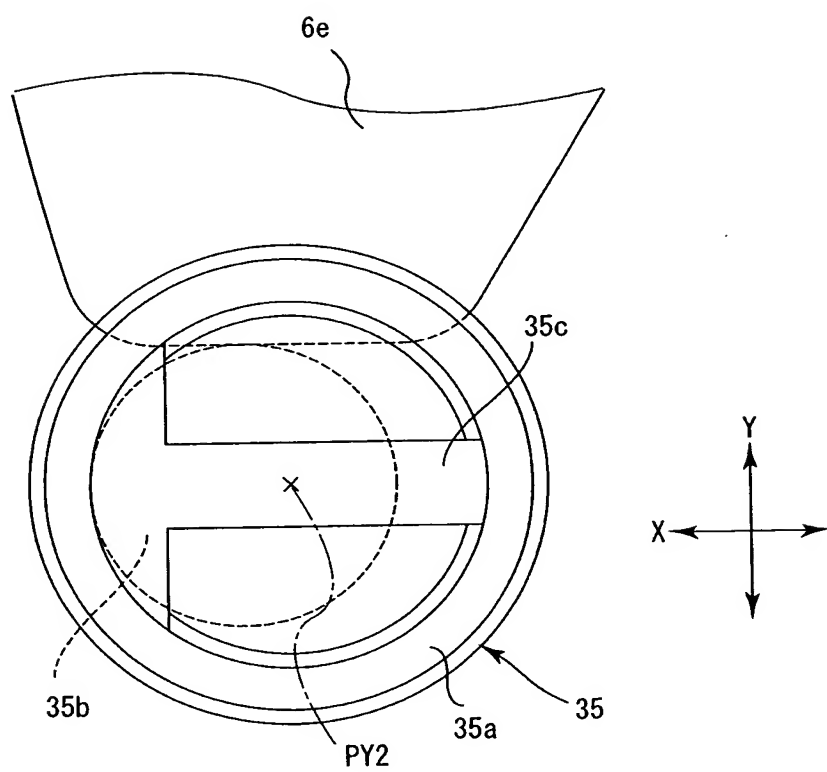


Fig . 117



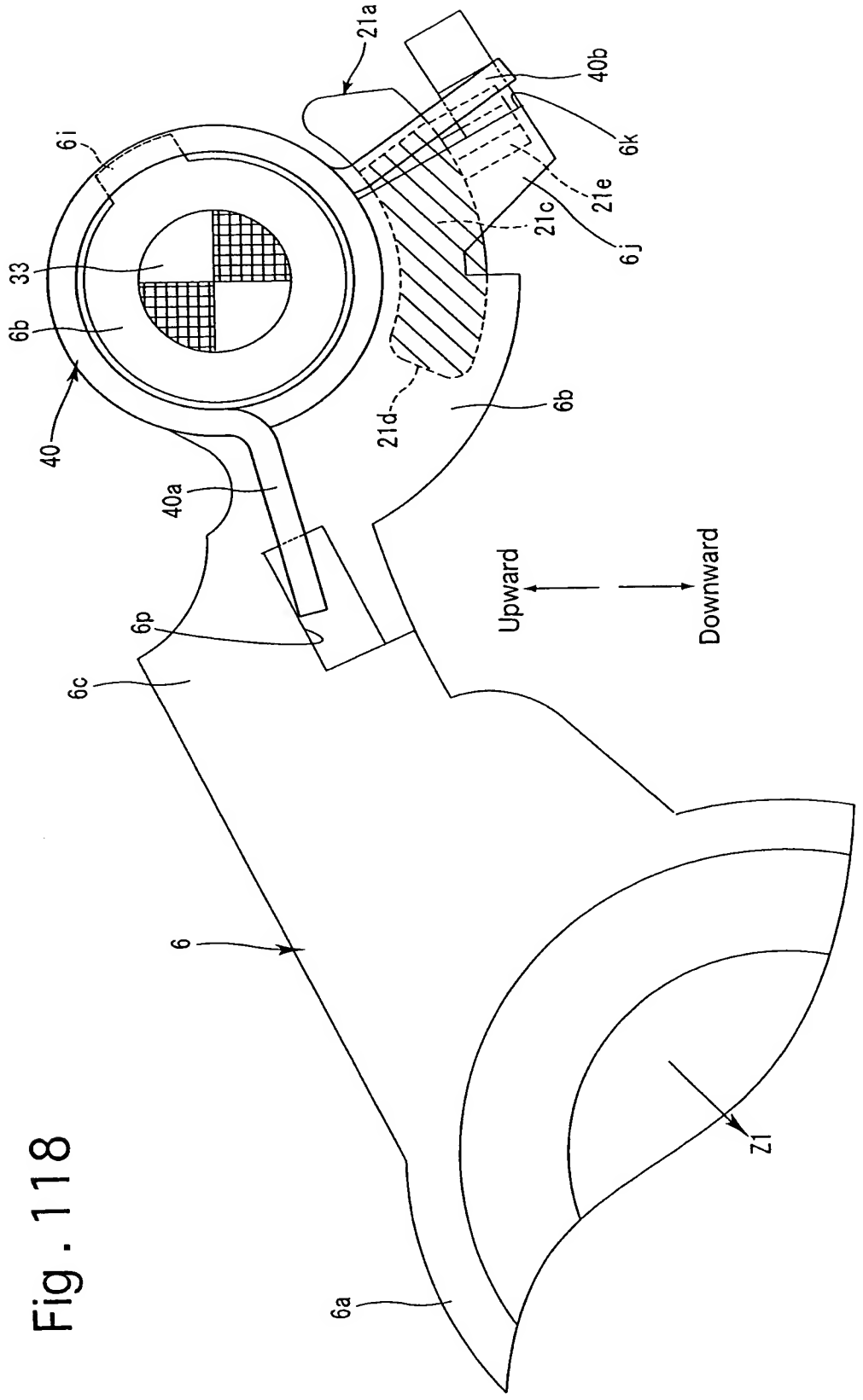


Fig . 119

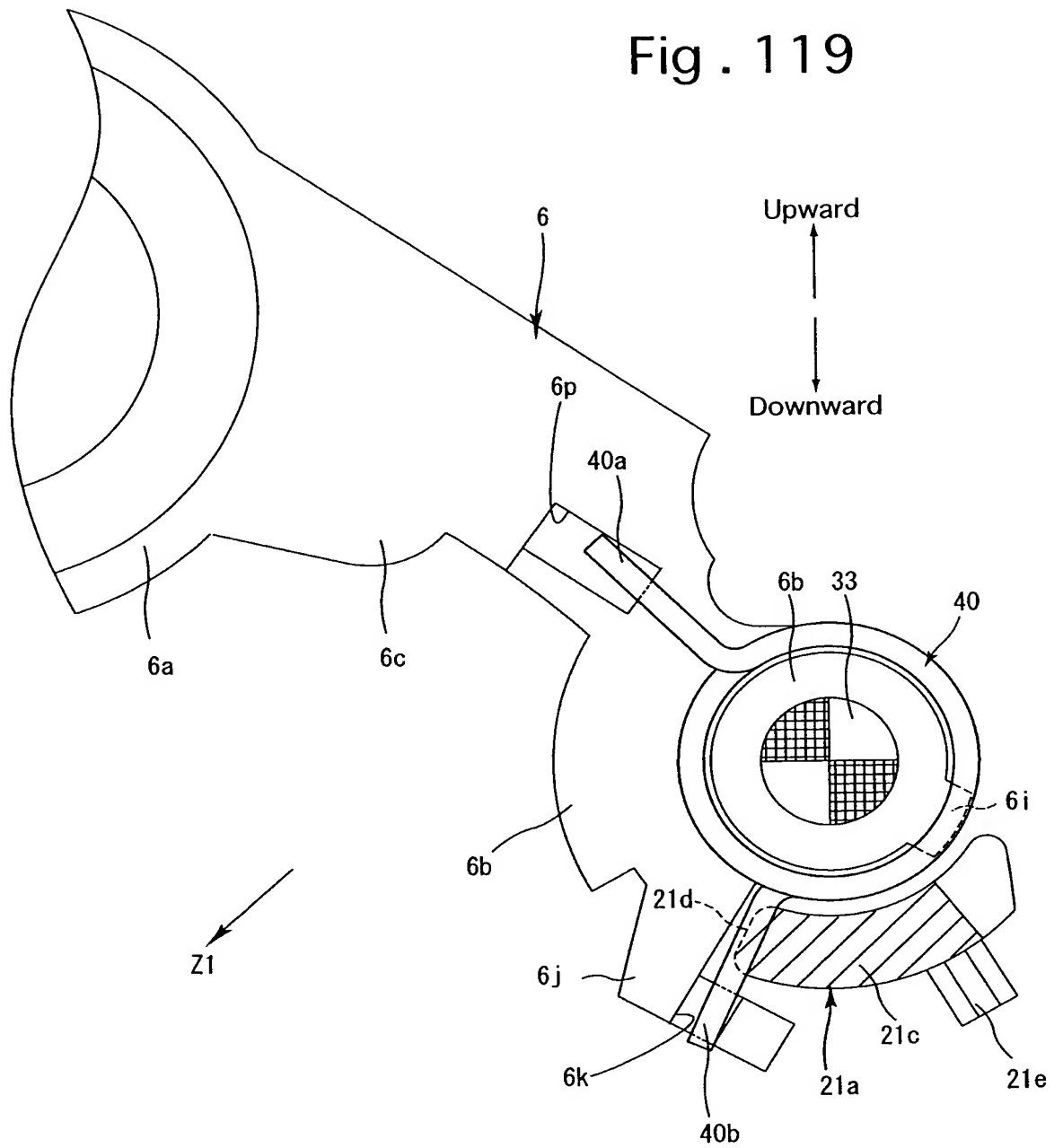


Fig . 120

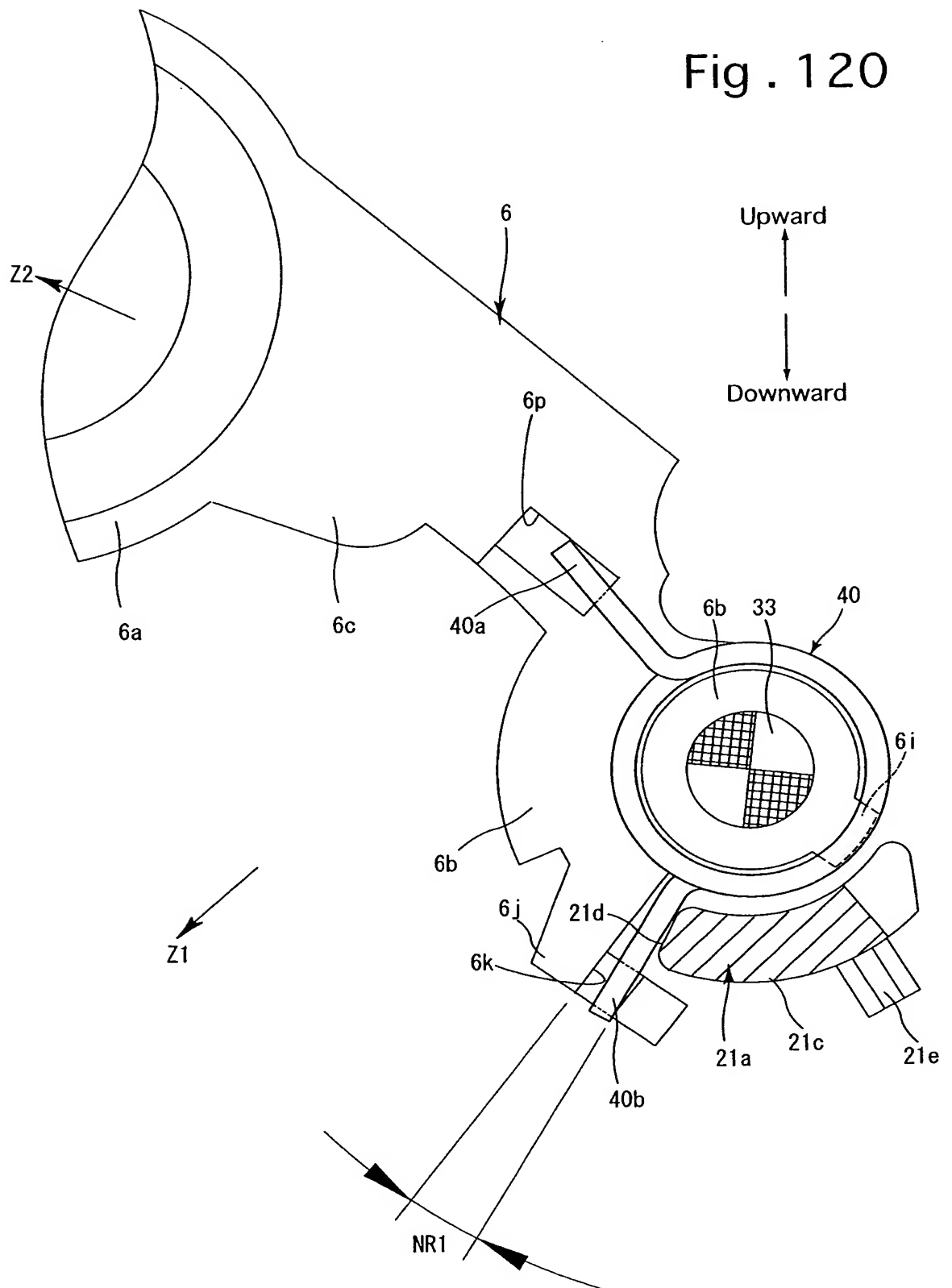


Fig . 121

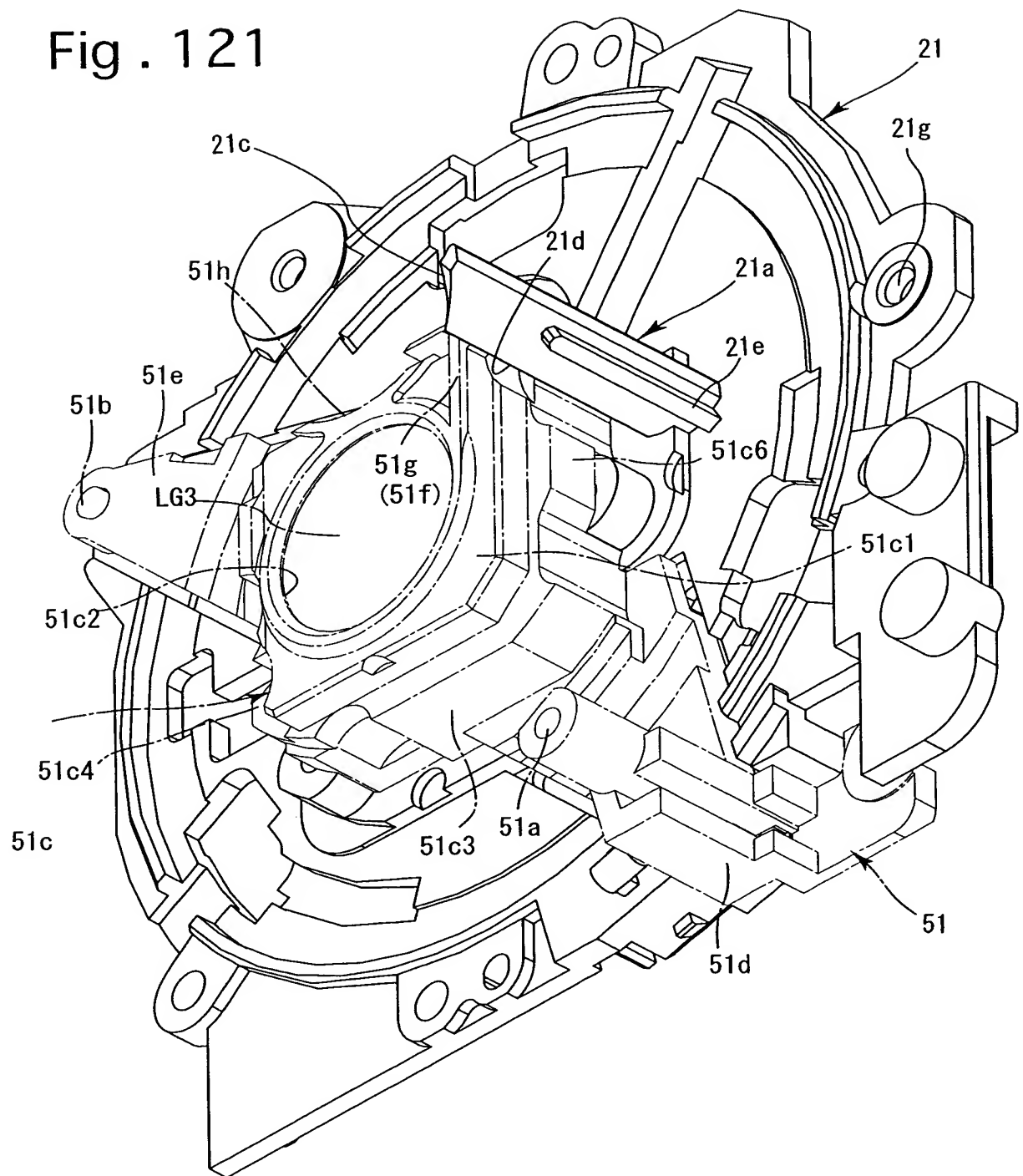


Fig. 122

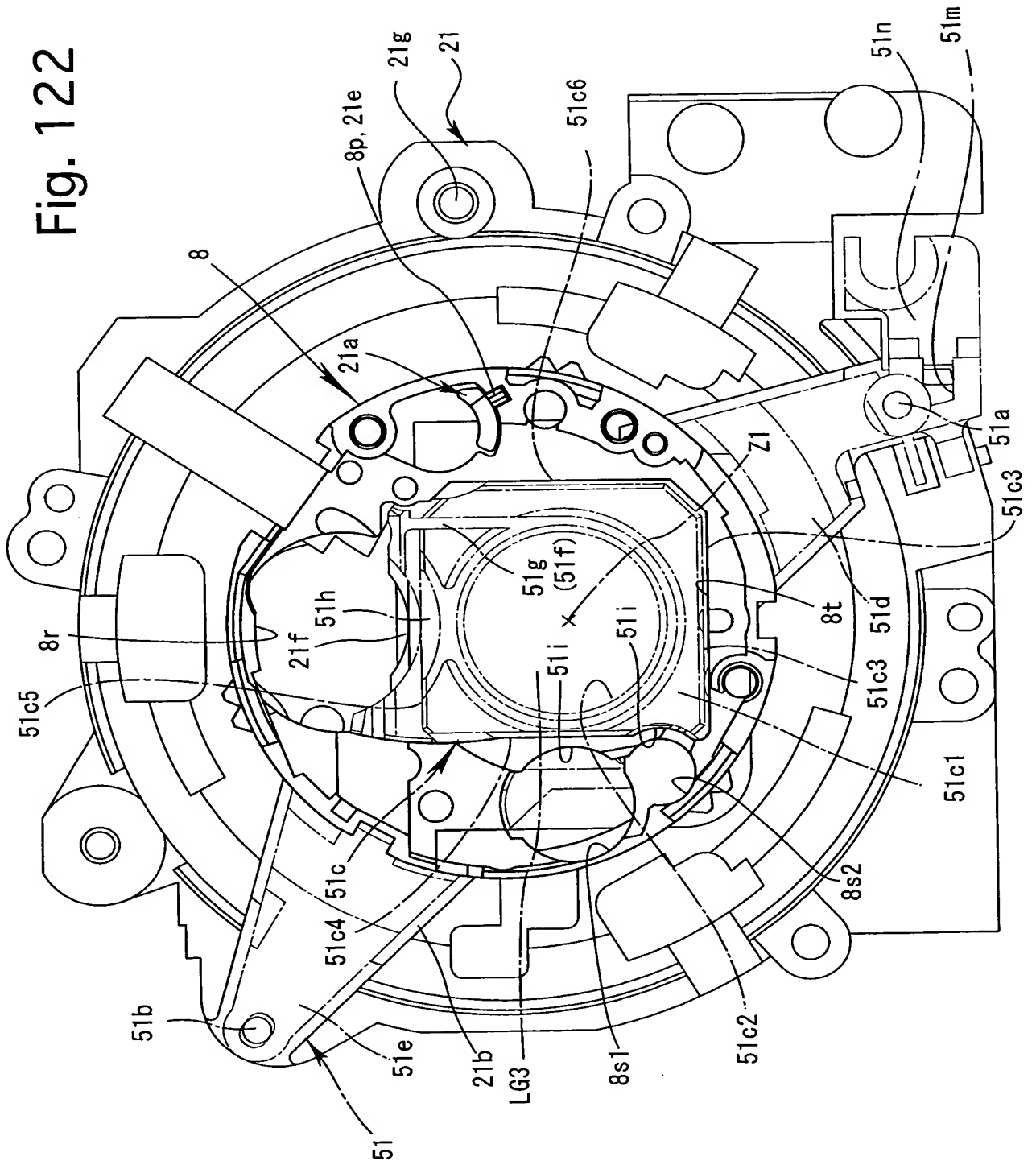


Fig . 123

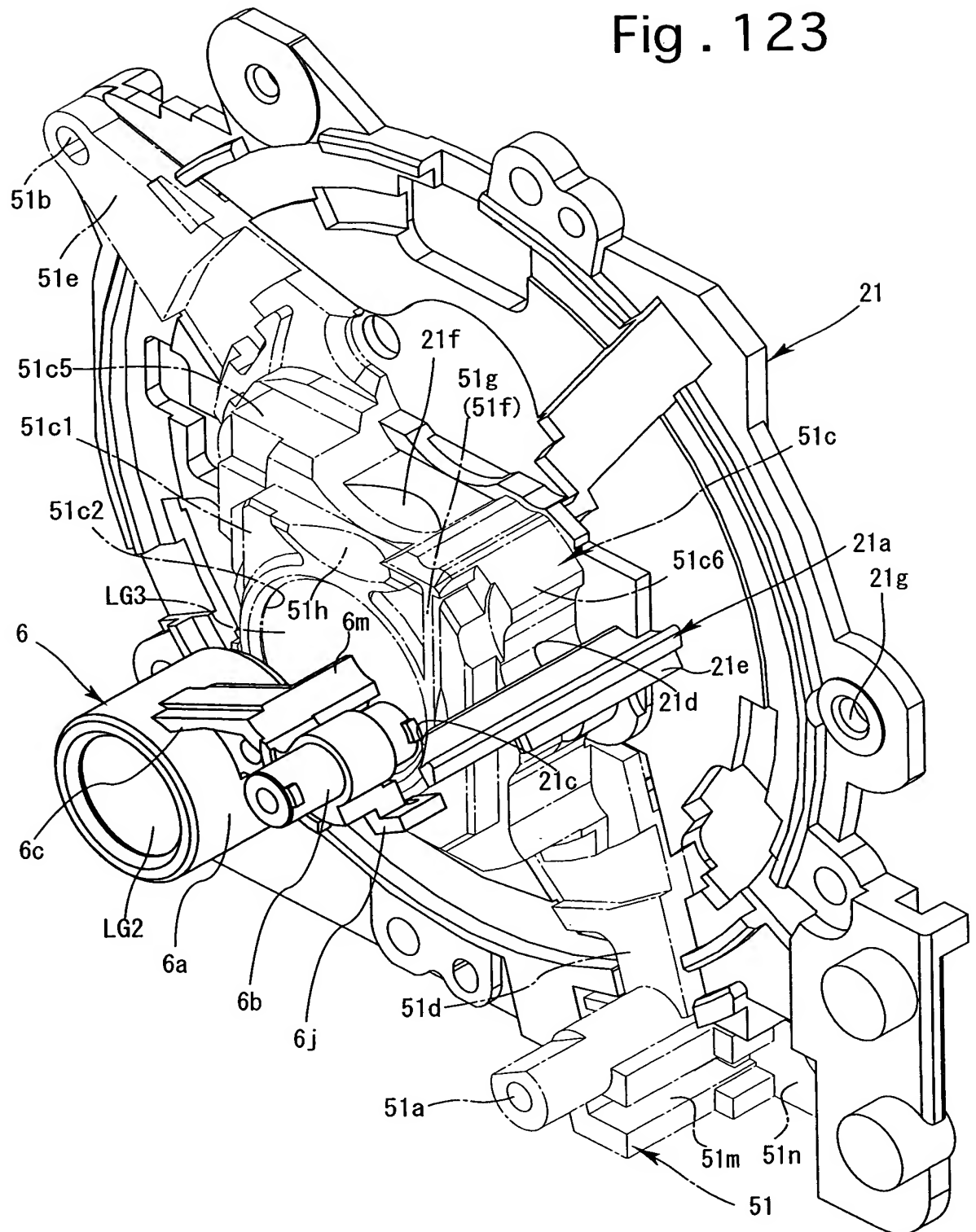


Fig. 124

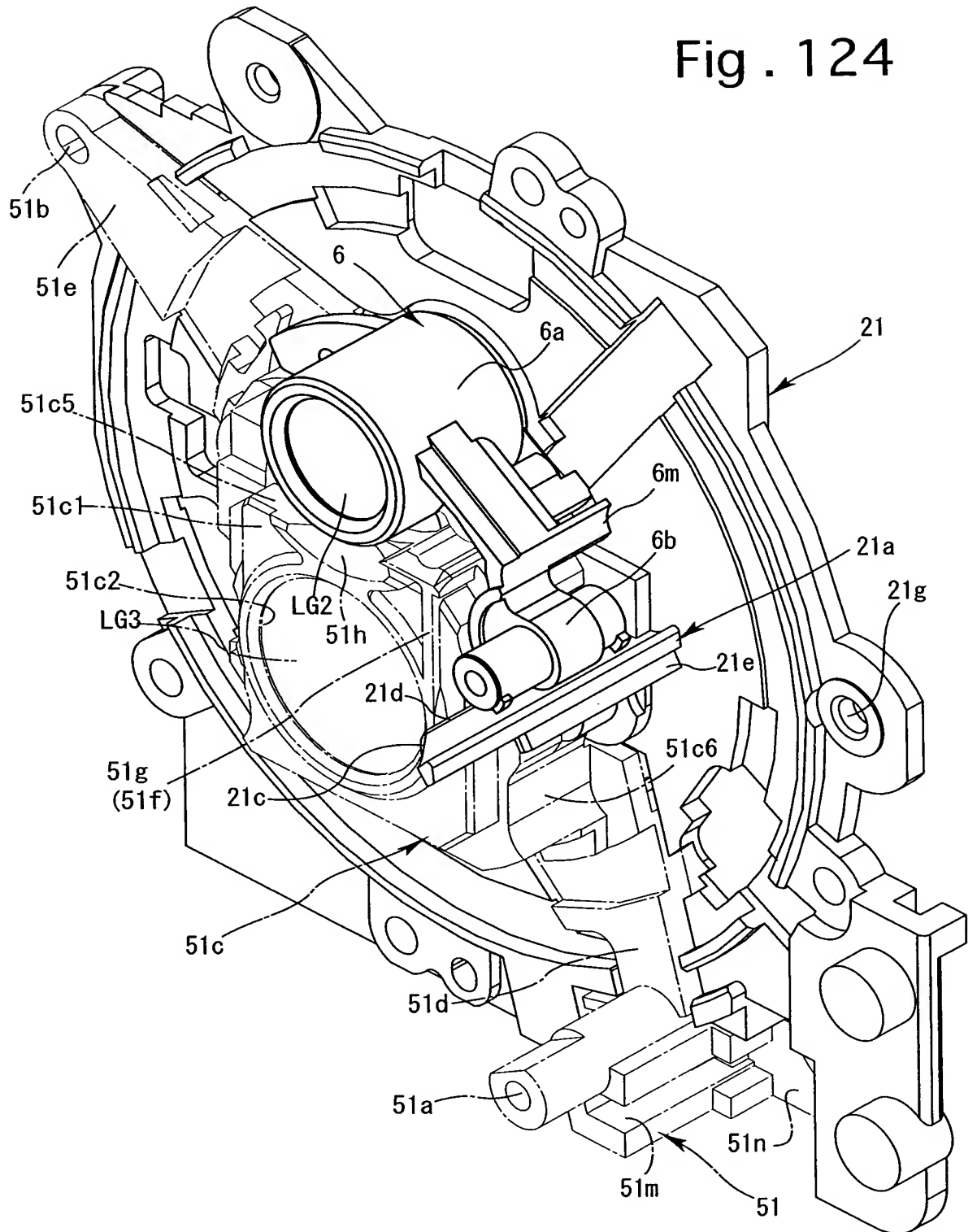


Fig . 125

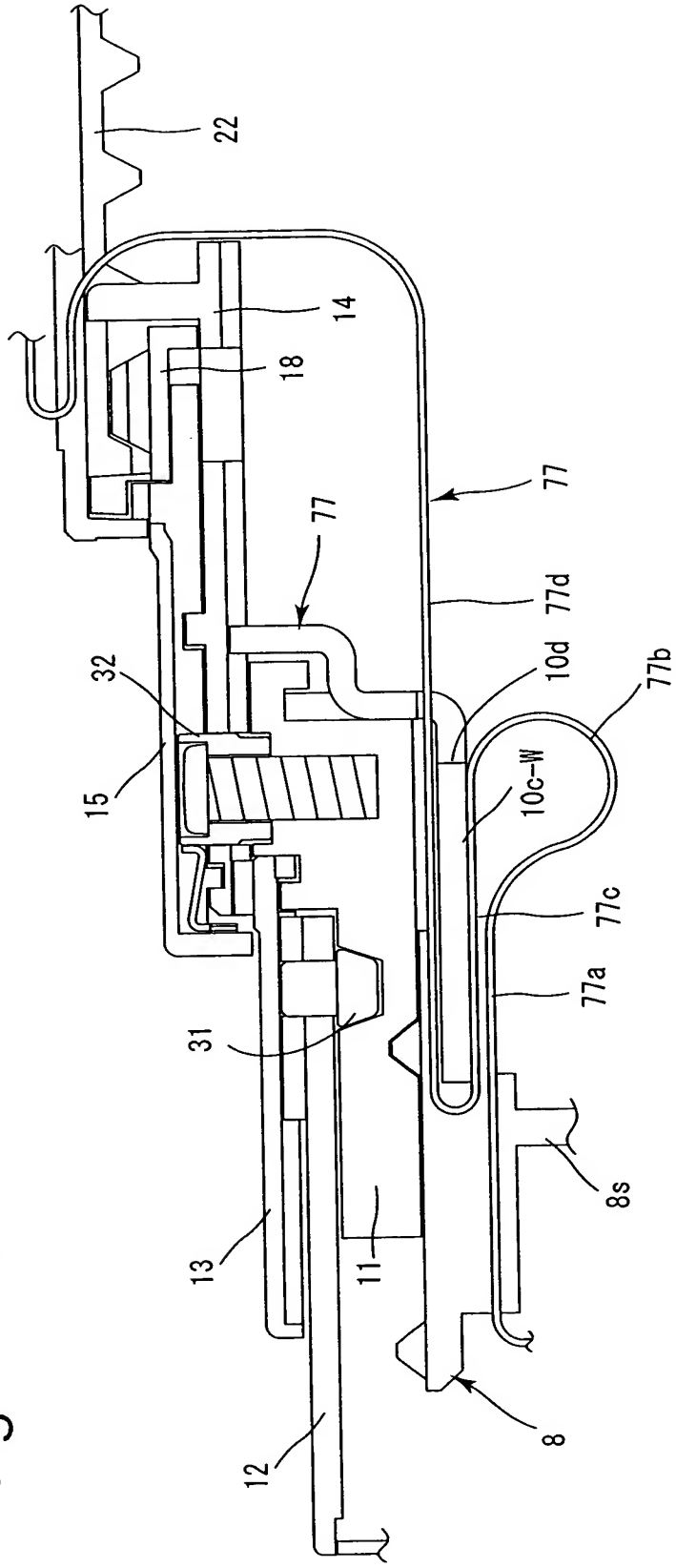


Fig . 126

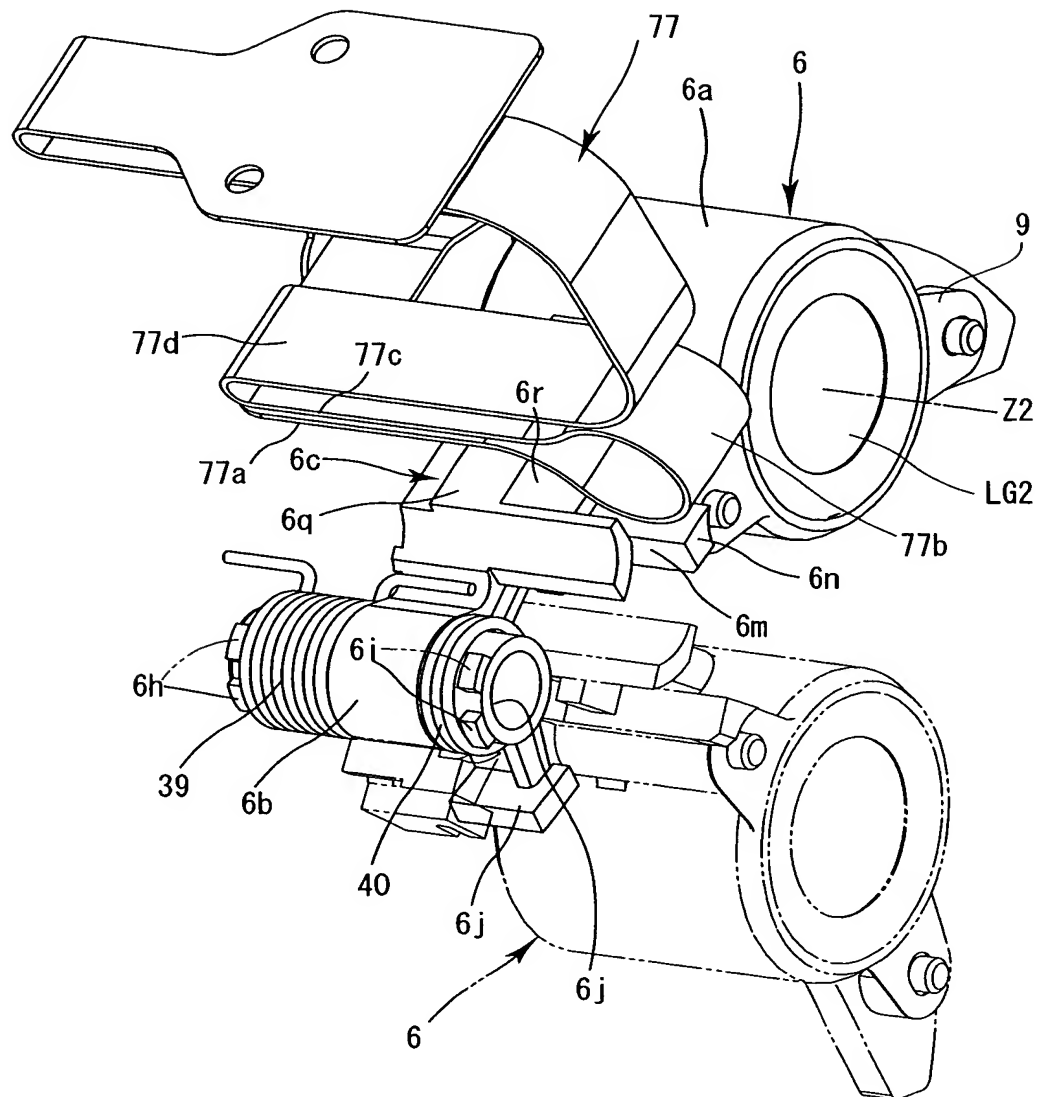


Fig . 127

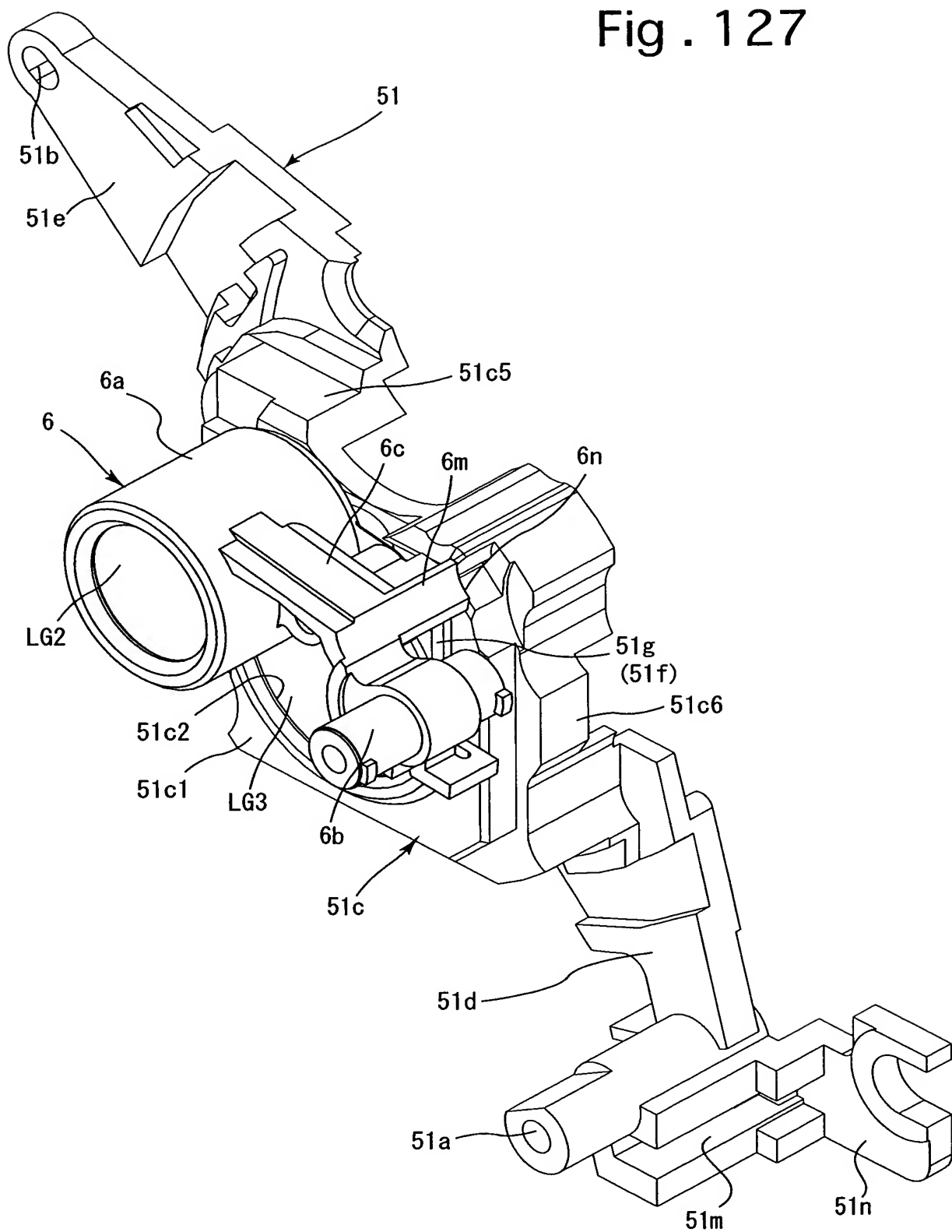


Fig . 128

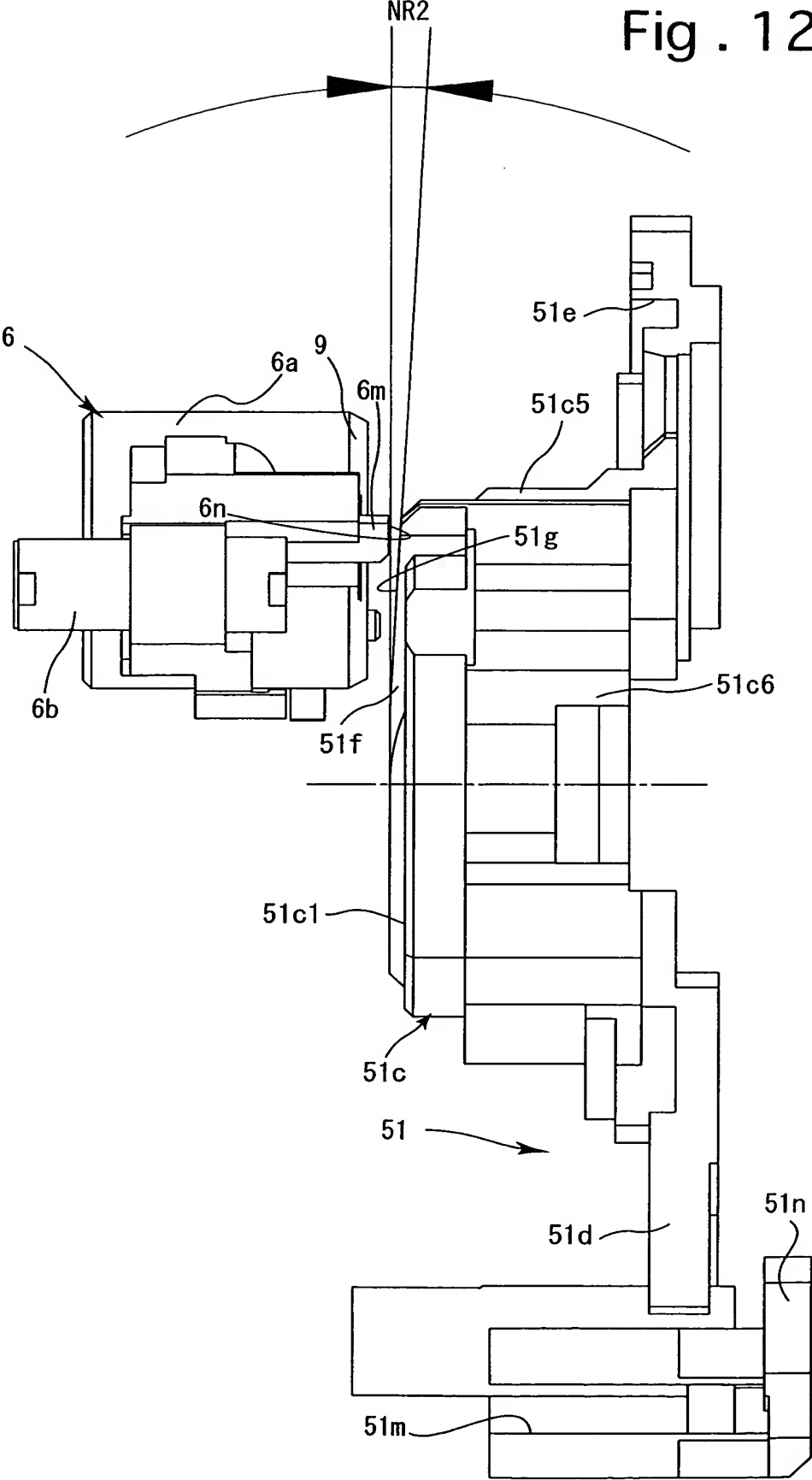


Fig . 129

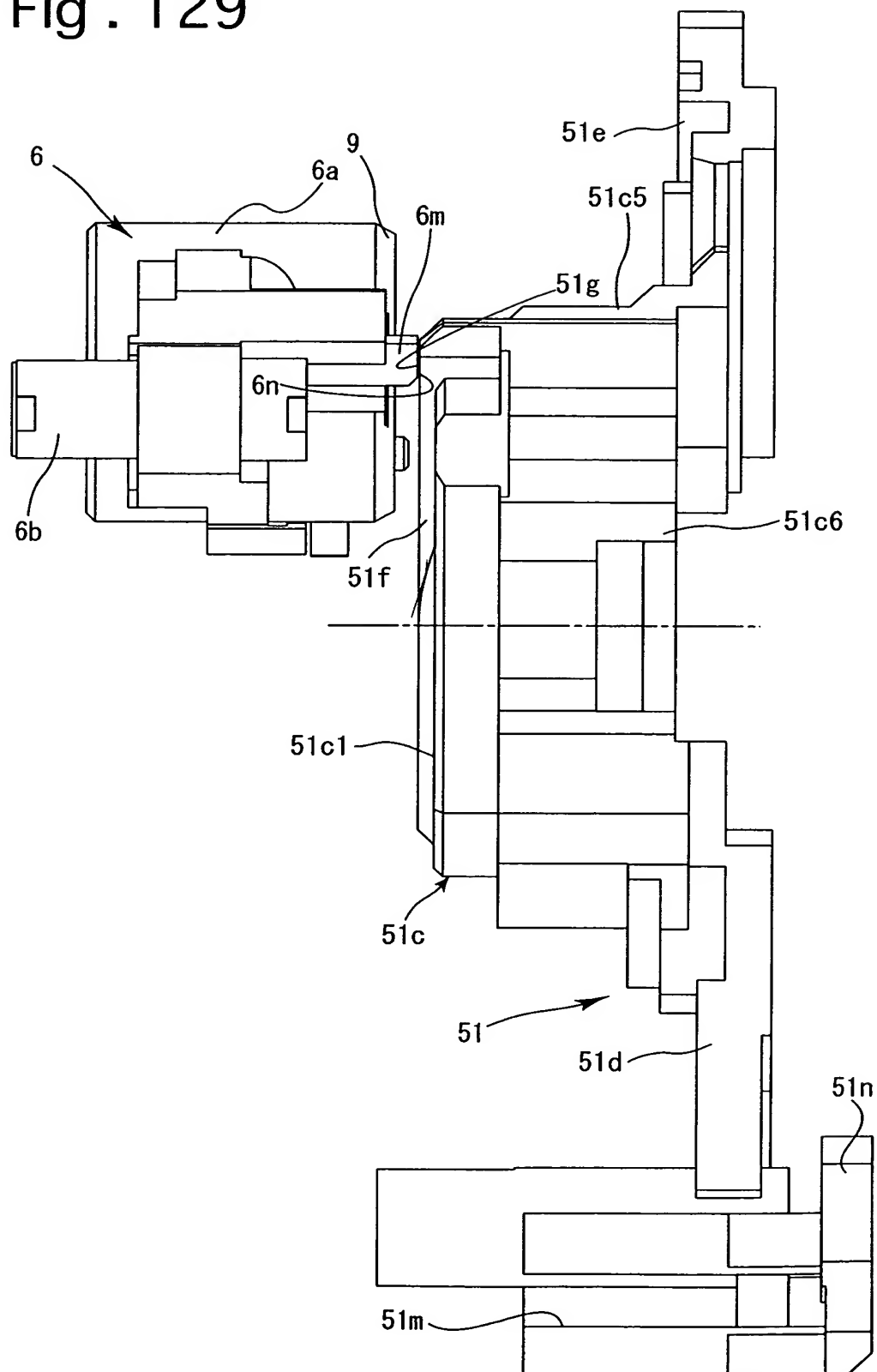


Fig. 131

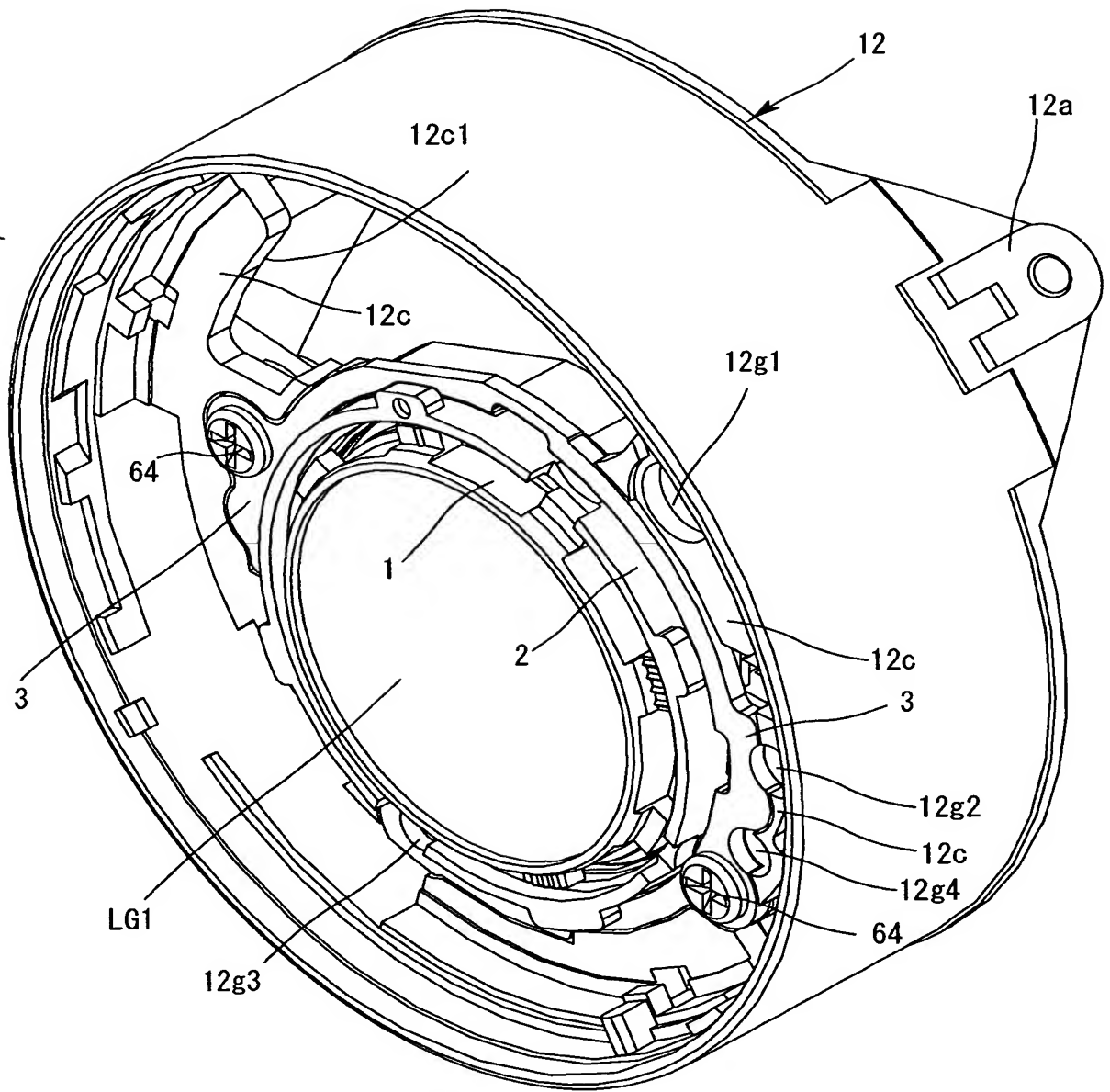


Fig. 132

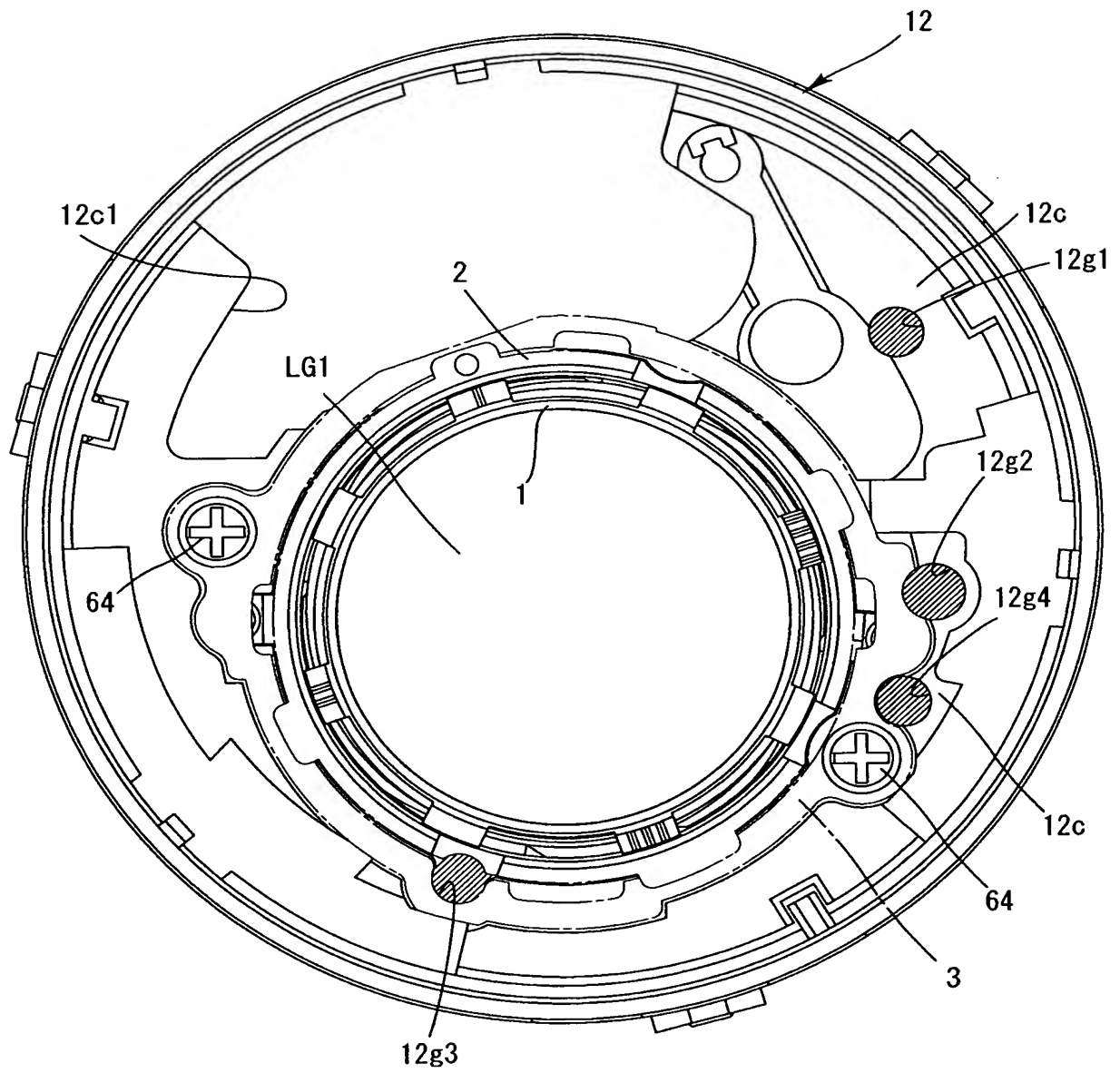


Fig. 133

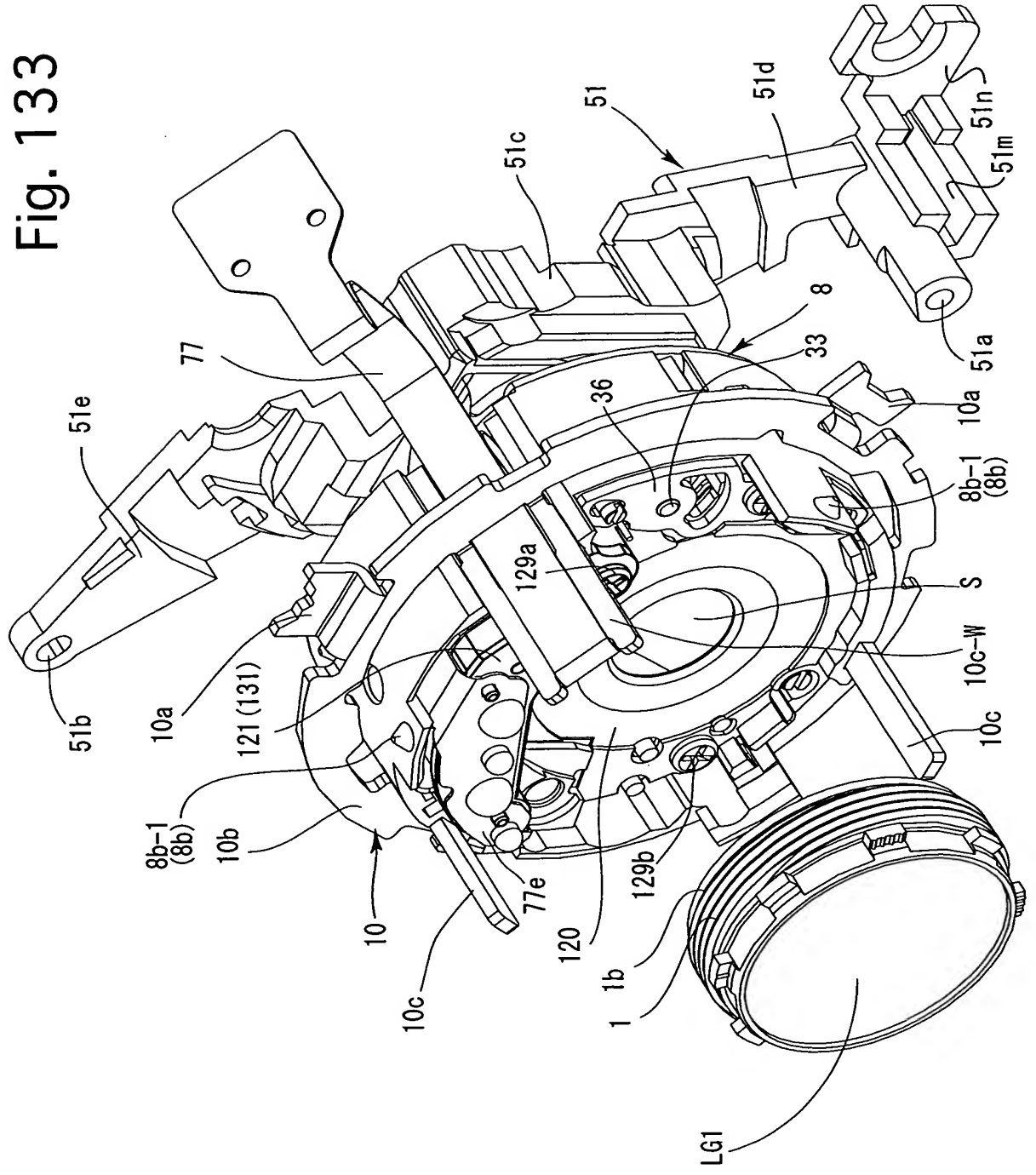


Fig. 134

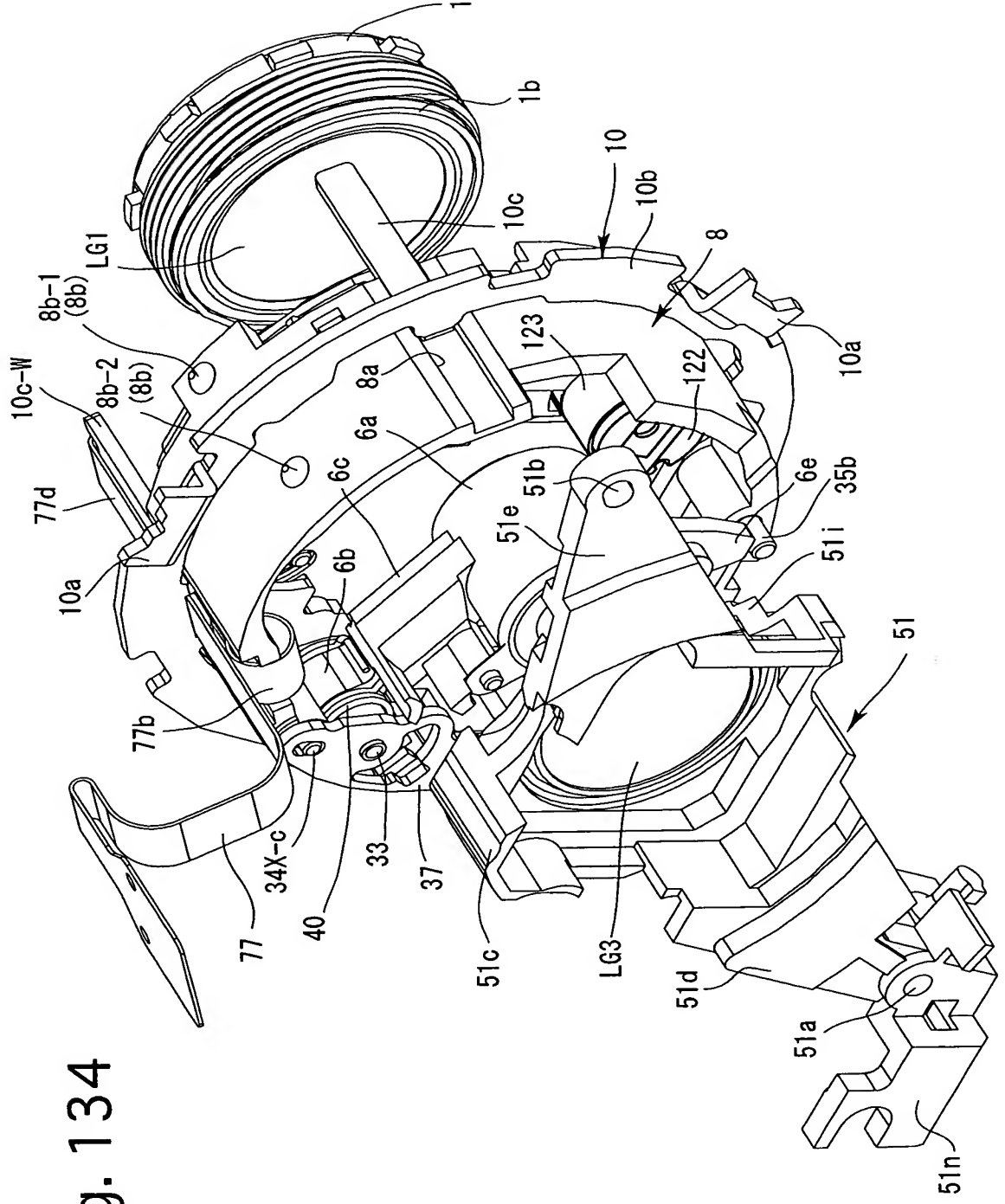


Fig. 135

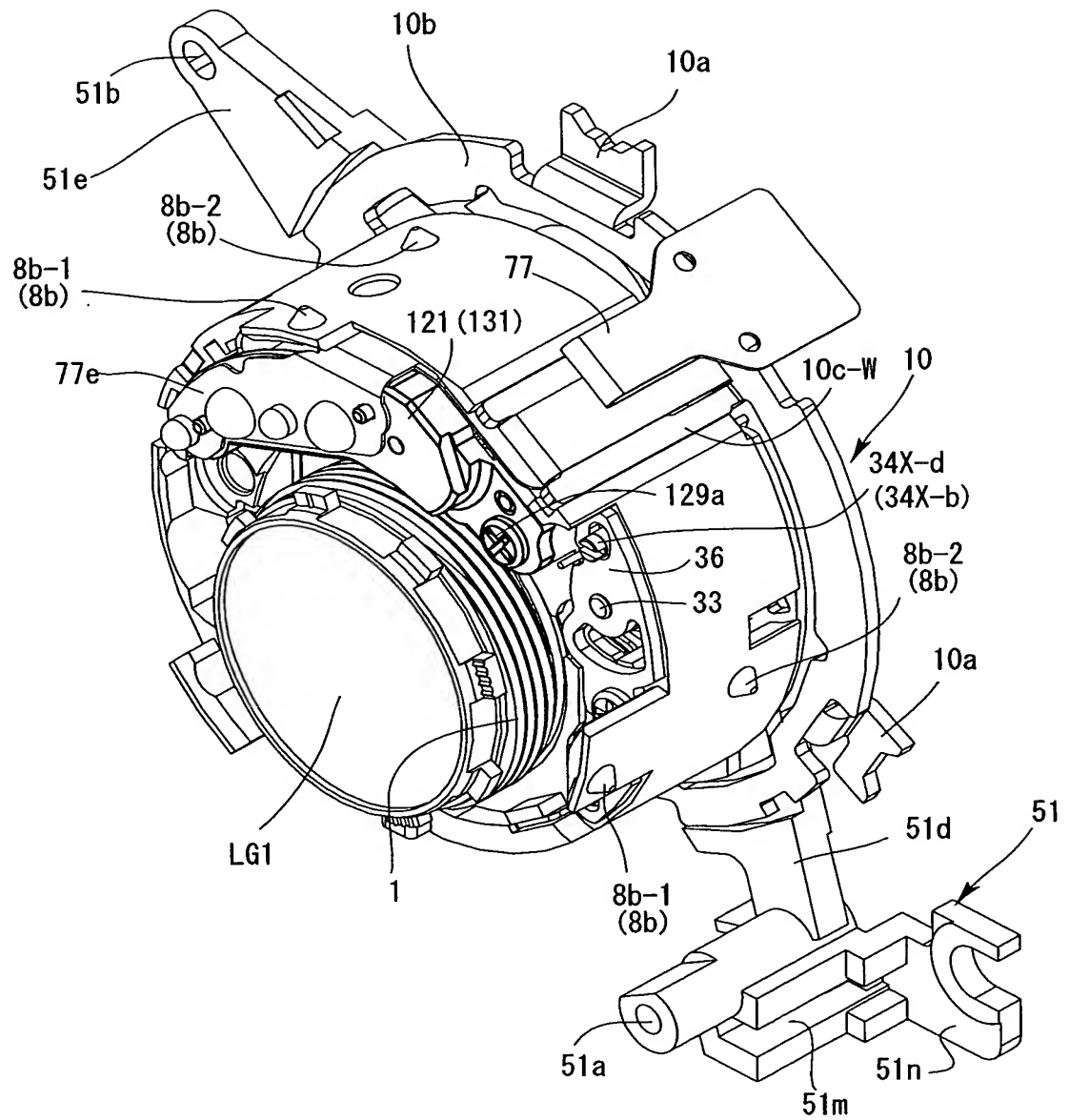


Fig. 136

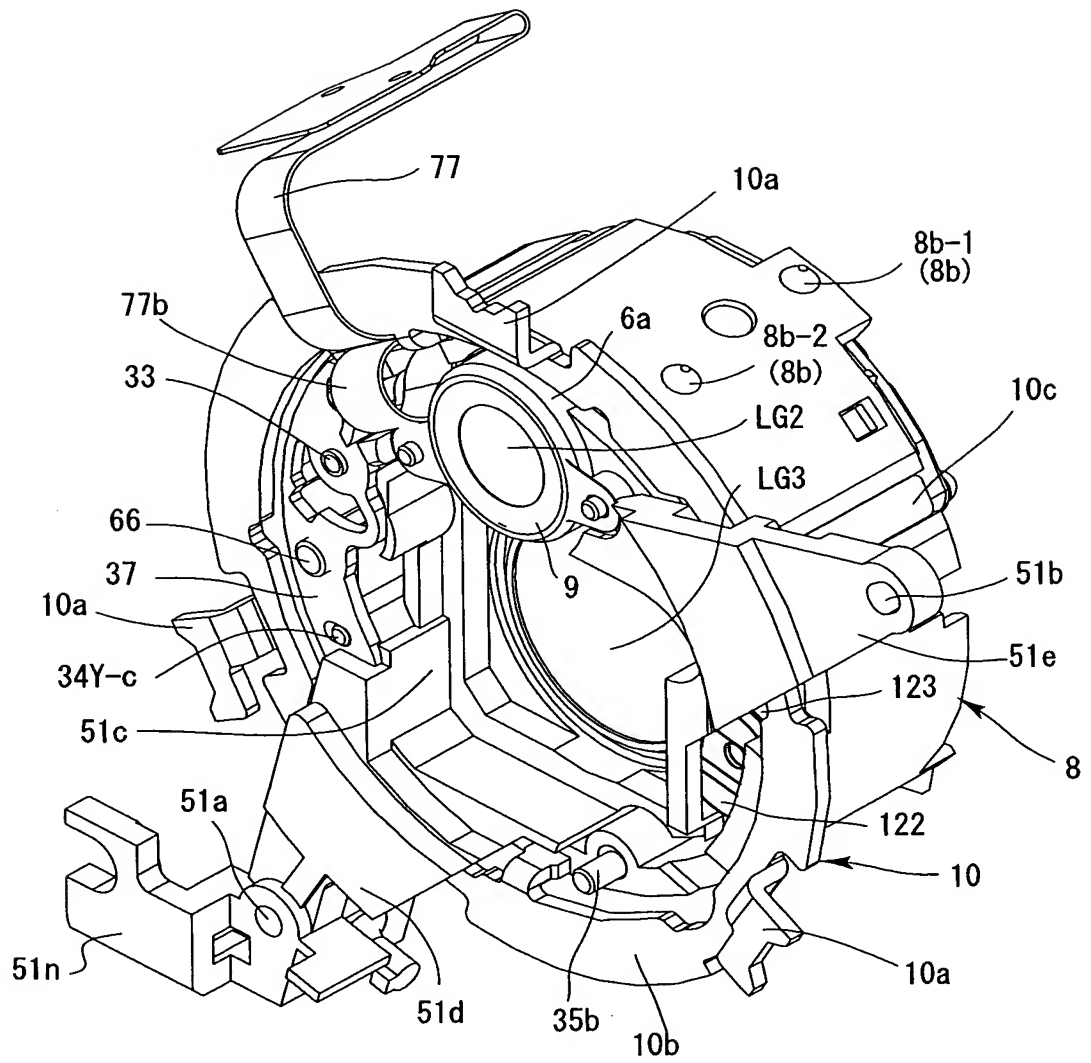
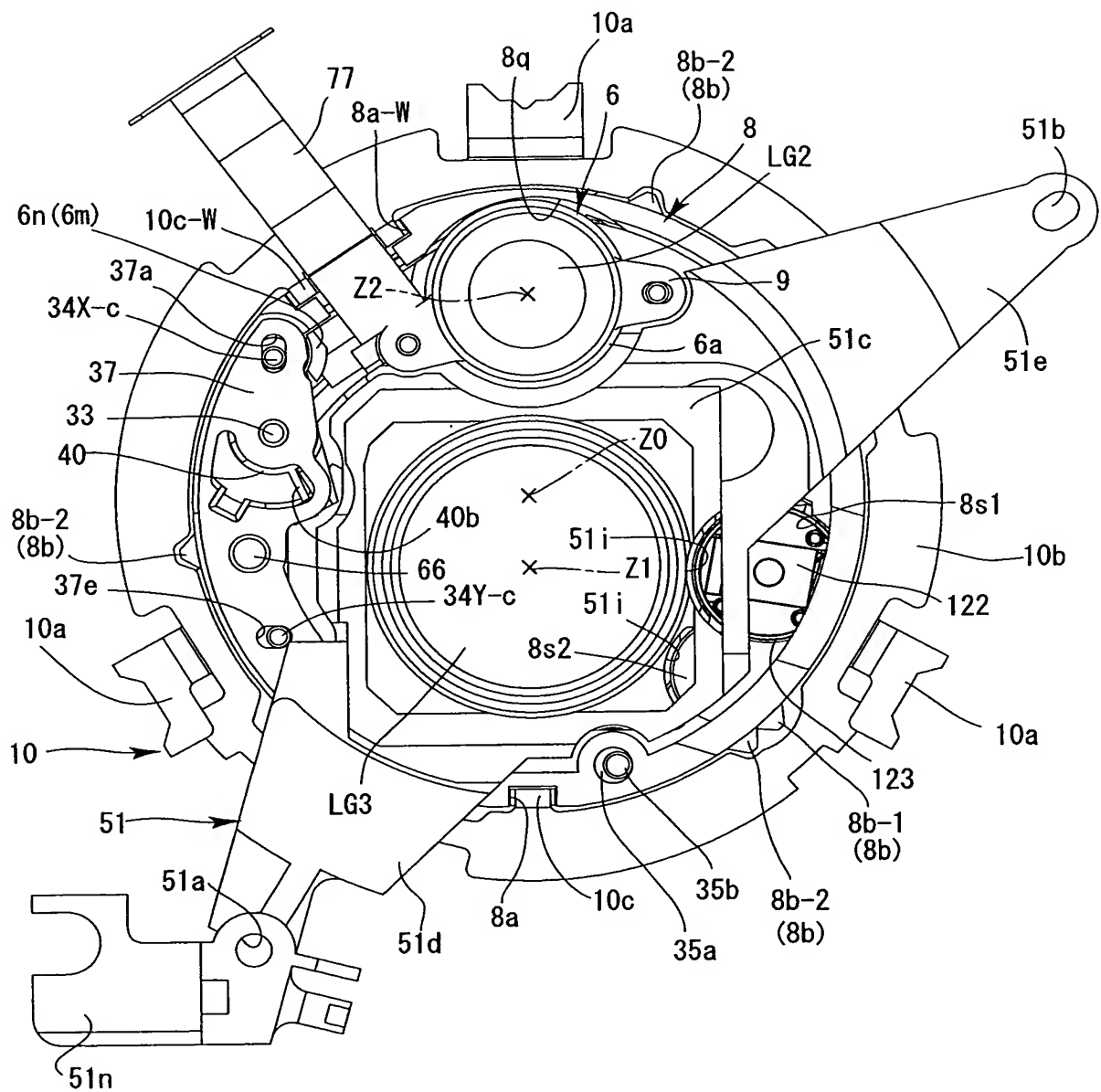


Fig. 137



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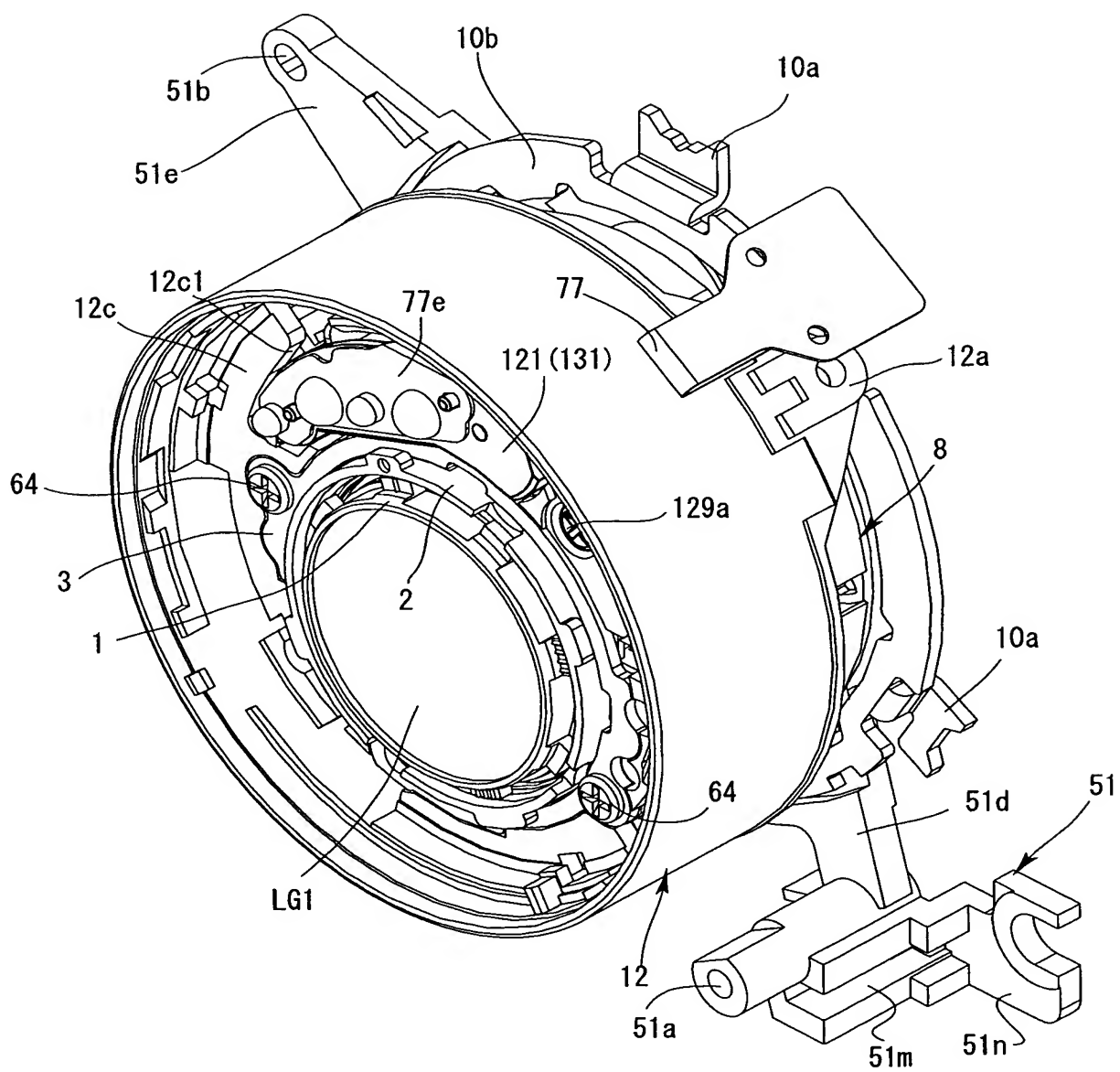


Fig. 139

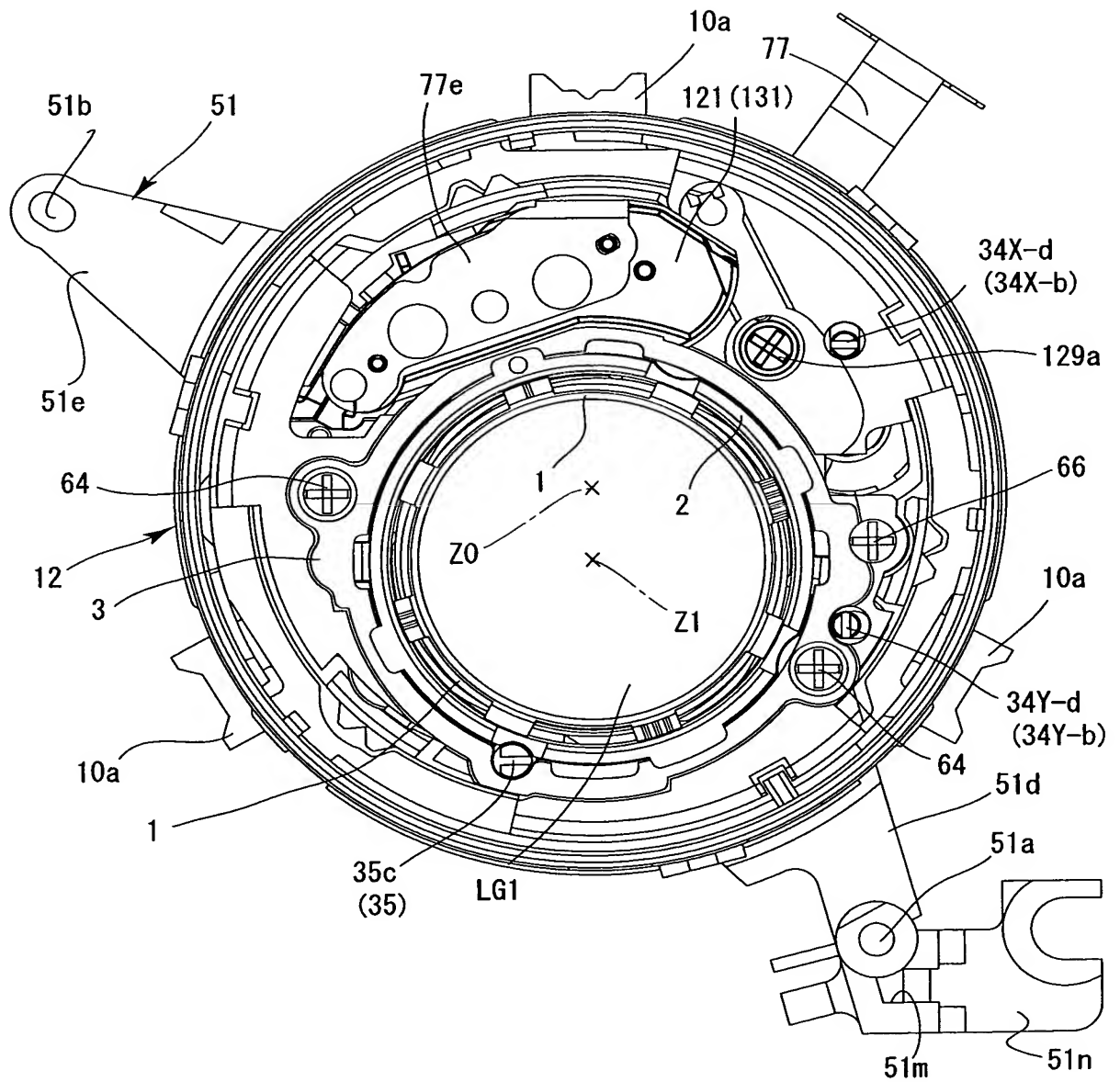


Fig. 140

This diagram shows an exploded perspective view of a mechanical assembly 76. The assembly is composed of several main components: a base plate 120, a top cover 126, a side cover 125, and a front cover 121. The base plate 120 is shown with various mounting points and features labeled 120a, 120b, 120c, 120b1, and 120c1. The top cover 126 is shown with features labeled 126a and 126. The side cover 125 is shown with features labeled 125a, 125, and 125b. The front cover 121 is shown with features labeled 121a, 121b, 121c, 121d, and 121e. Various fasteners and pins are shown in exploded view, including screws 129a, 129b, and 129c, and pins 131a, 131b, 131c, 131d, and 131e. The assembly is shown in a disassembled state, with dashed lines indicating the alignment of the components. An arrow points from the exploded view towards the assembled unit 76, which is shown in a perspective view at the top right of the diagram.



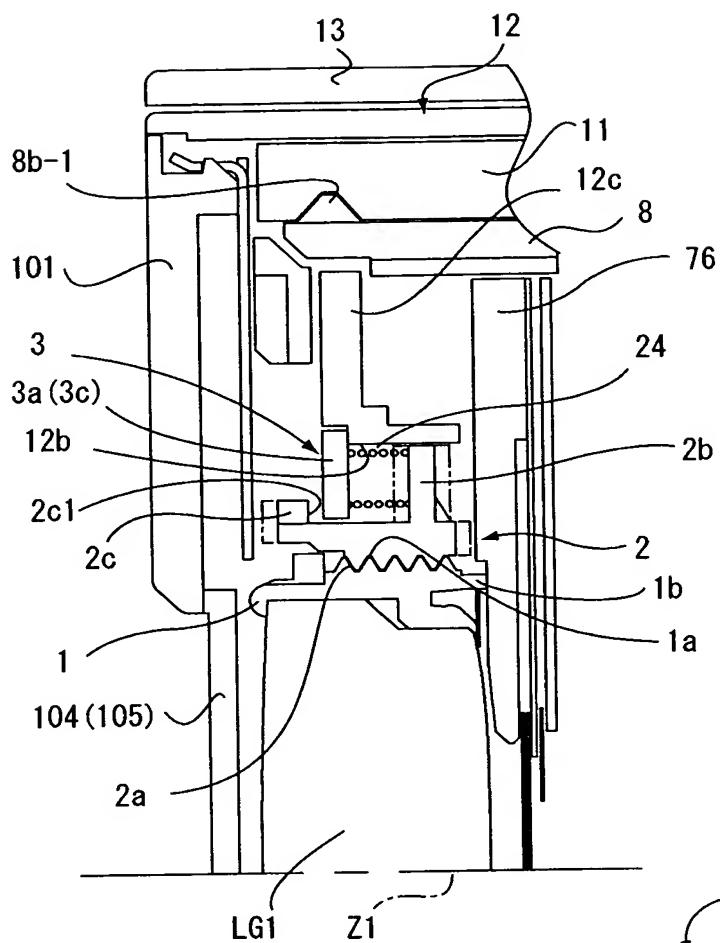


Fig. 141

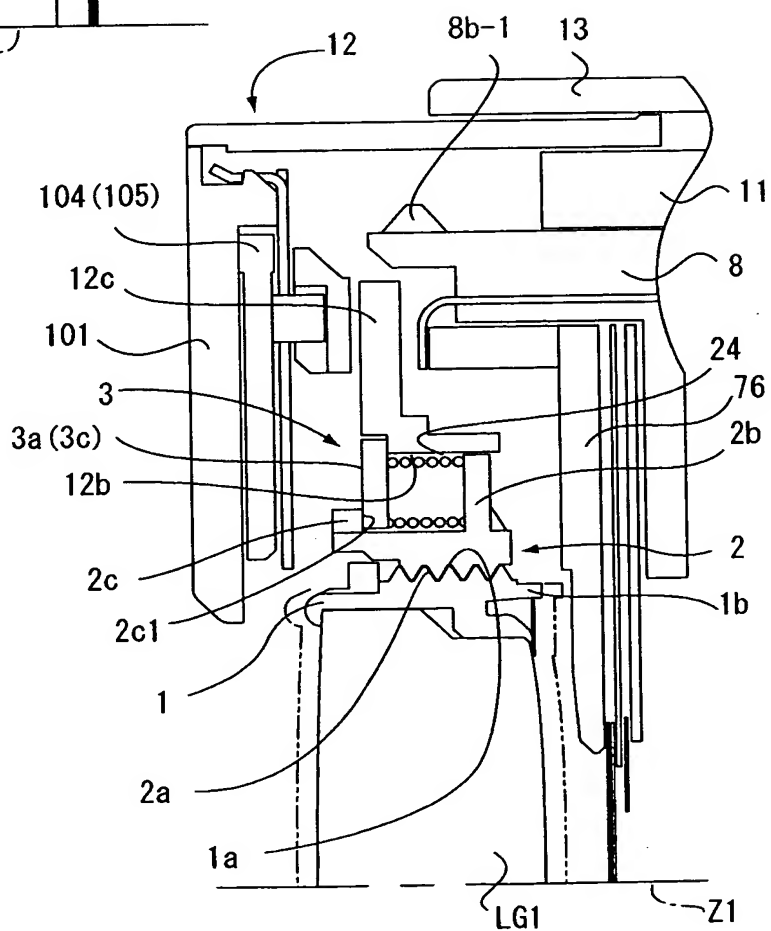


Fig. 142

Fig. 143

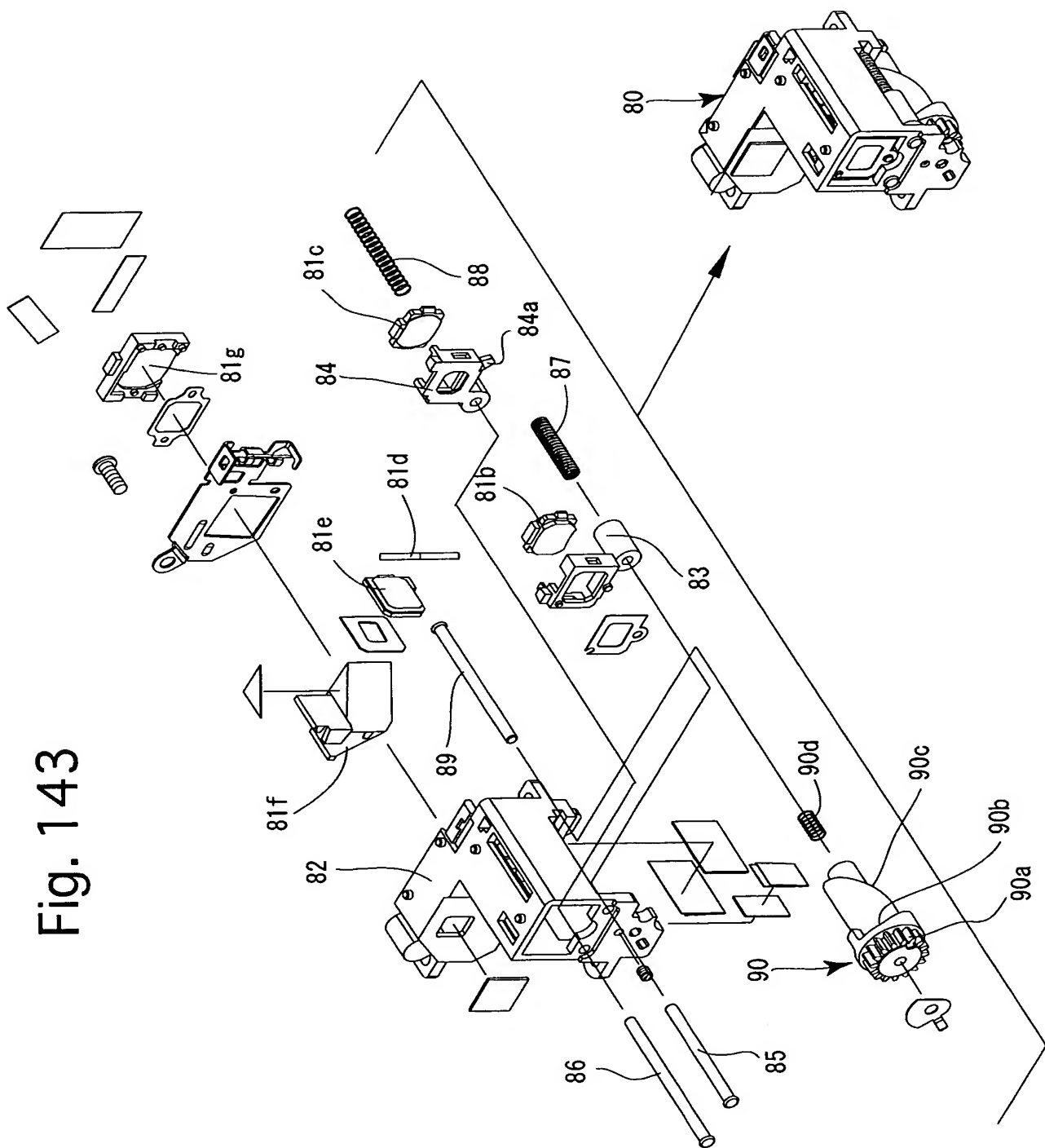


Fig. 144

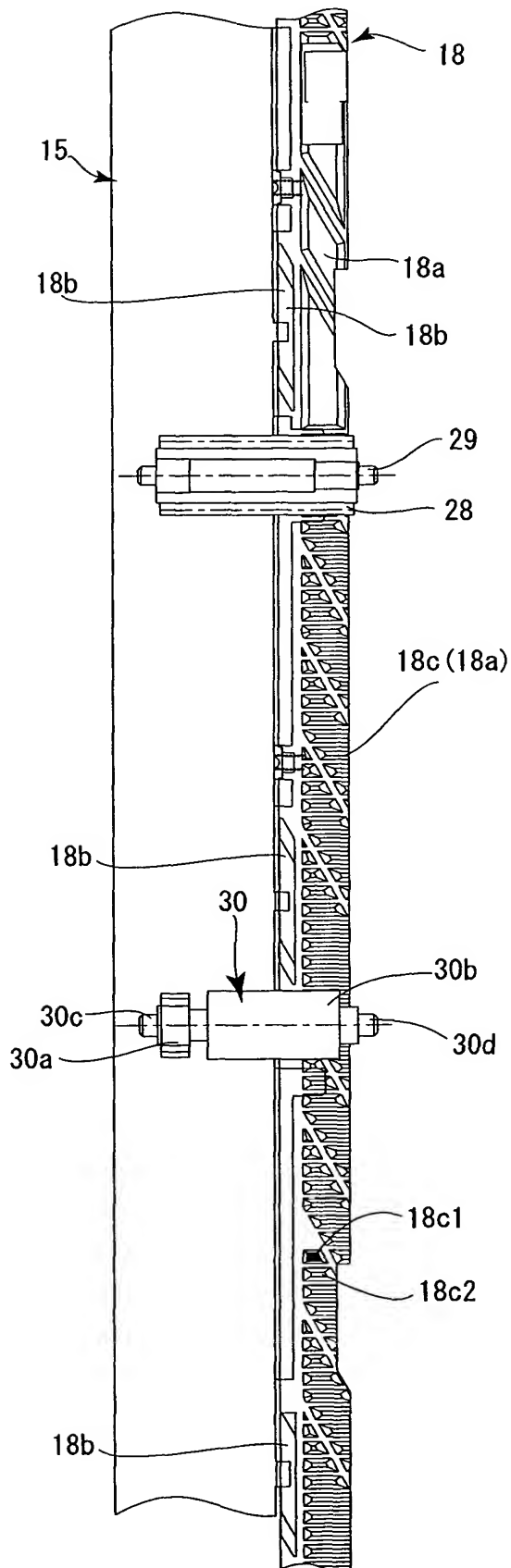


Fig. 145

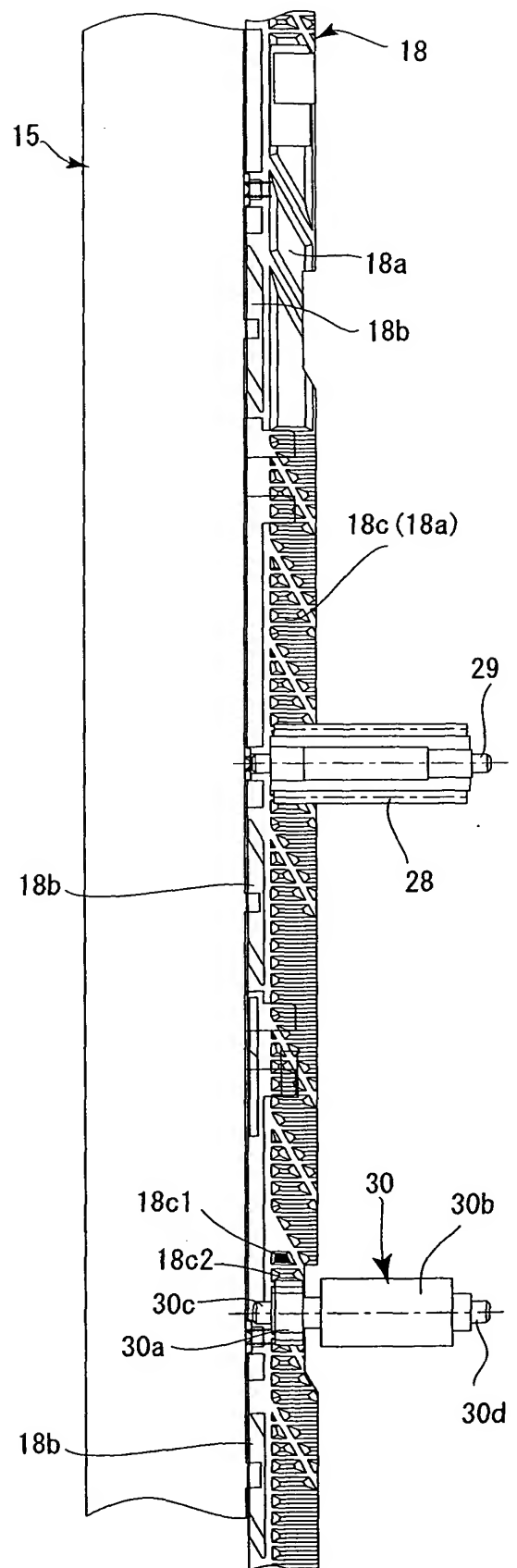


Fig. 146

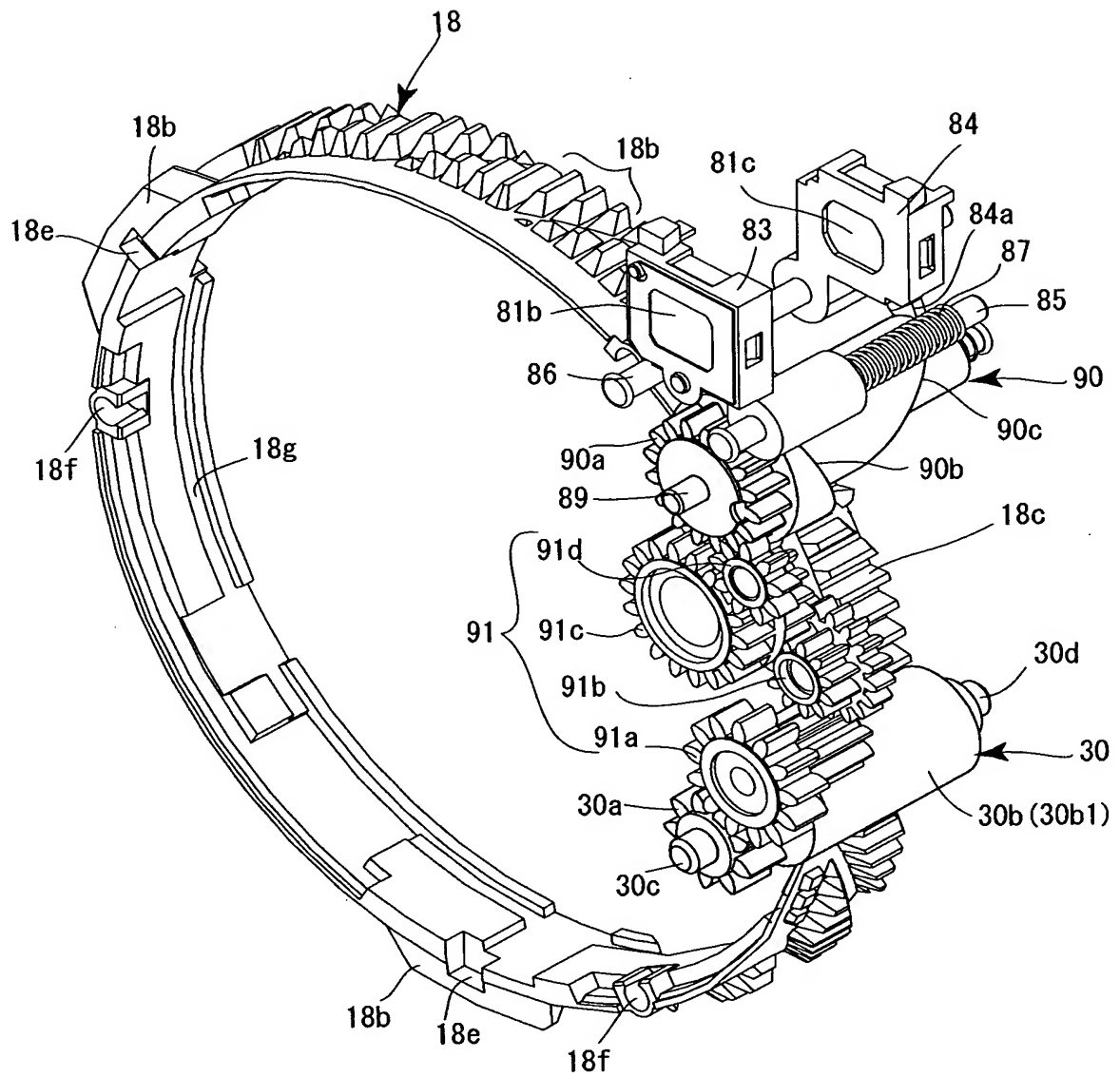


Fig. 147

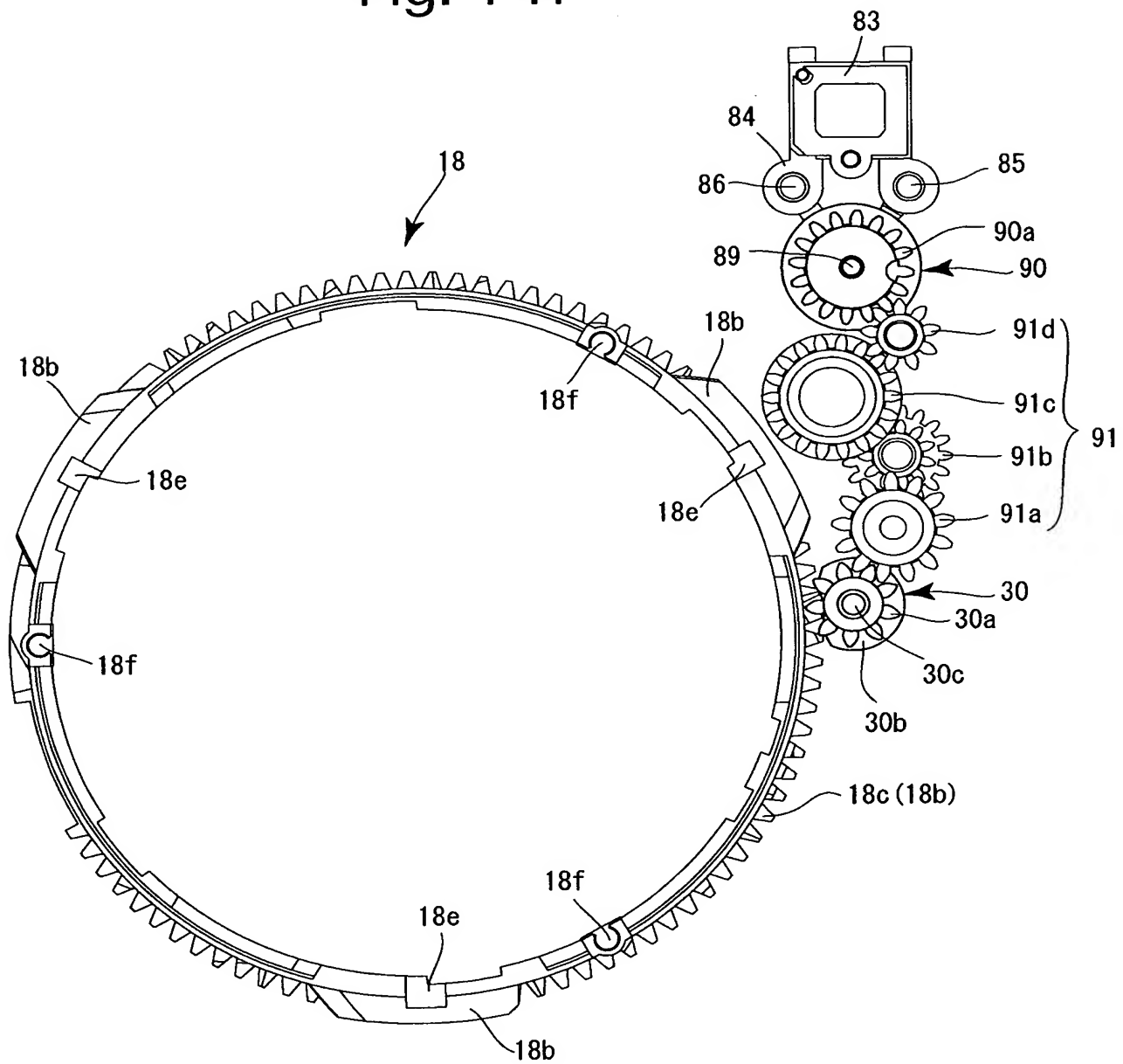


Fig. 148

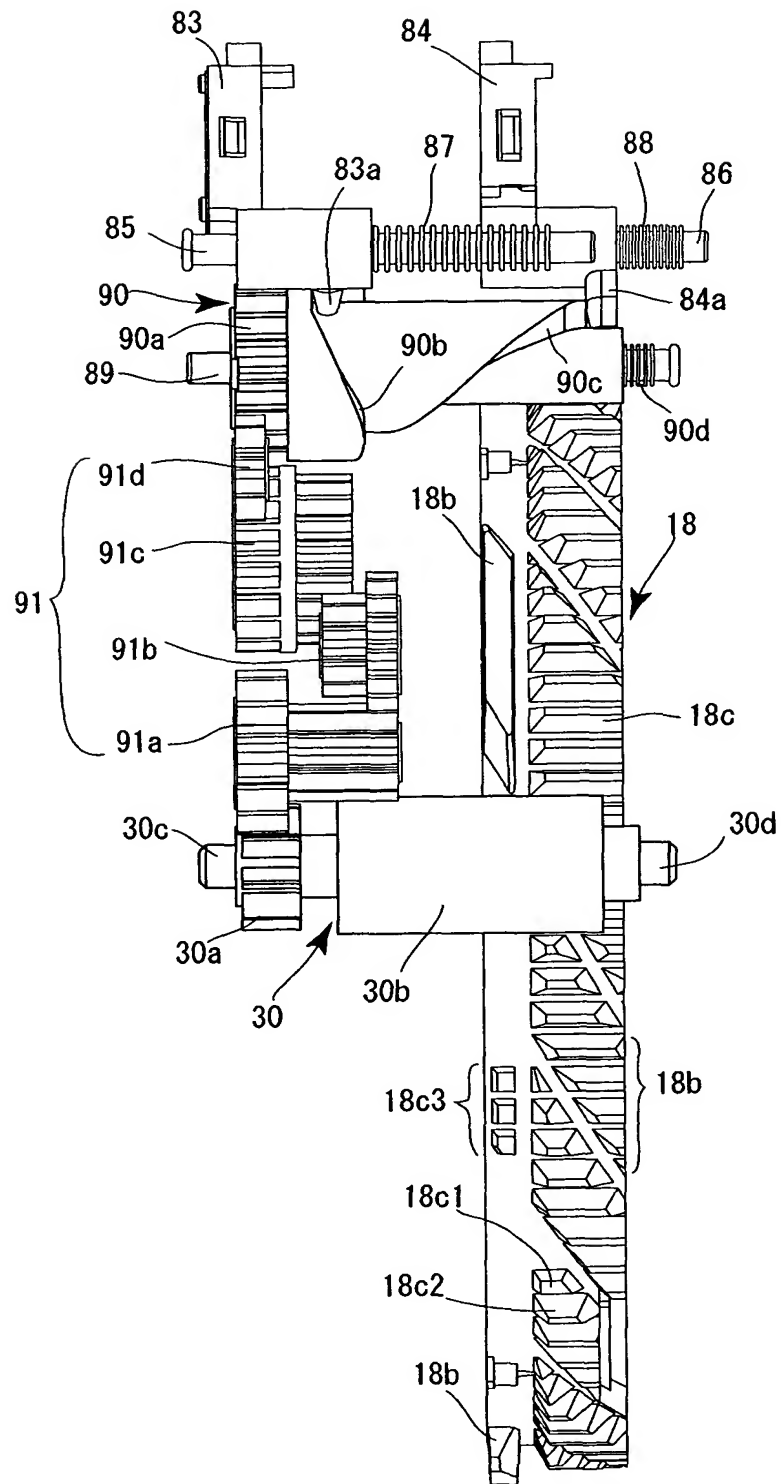


Fig. 149

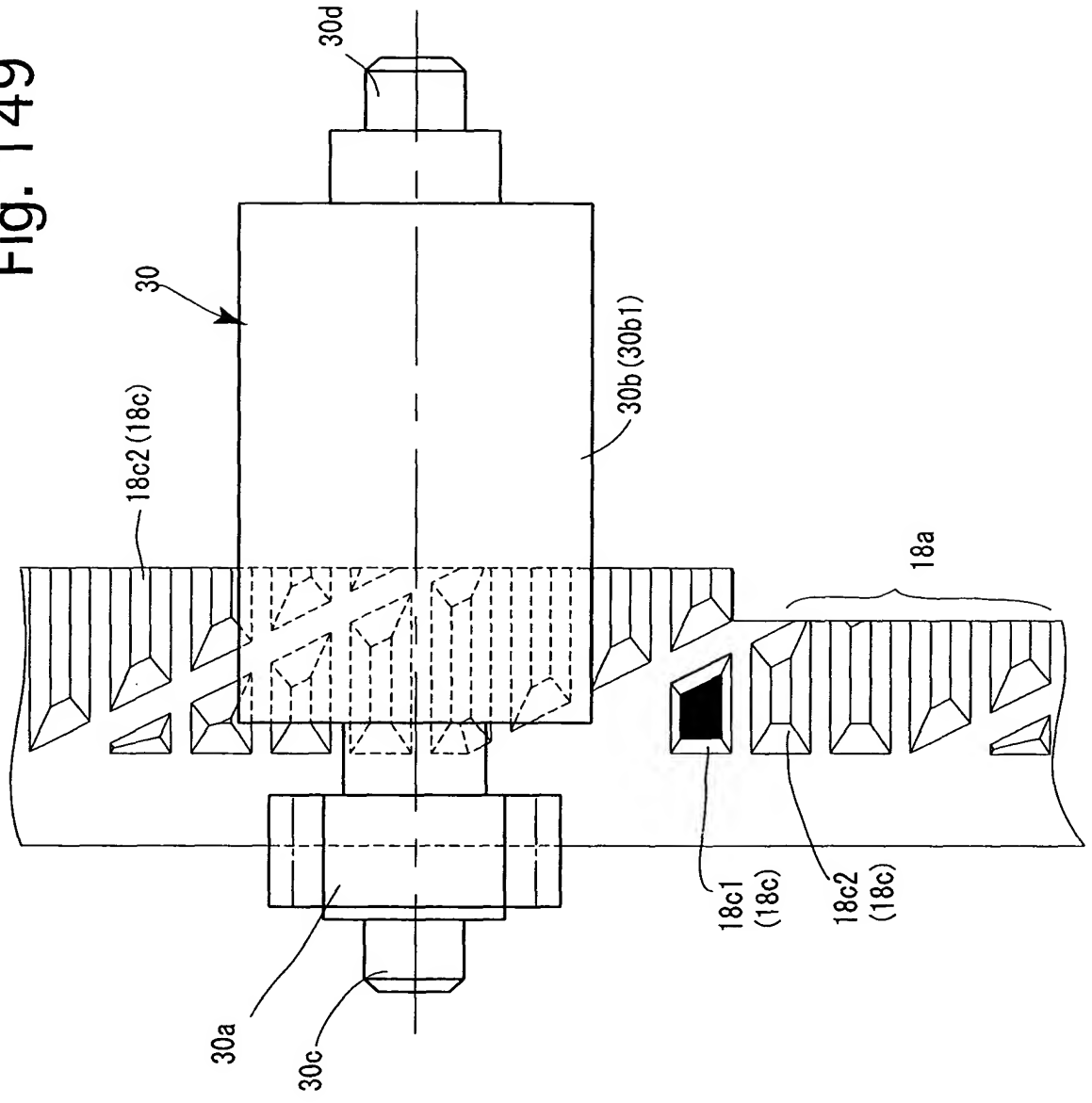


Fig. 150

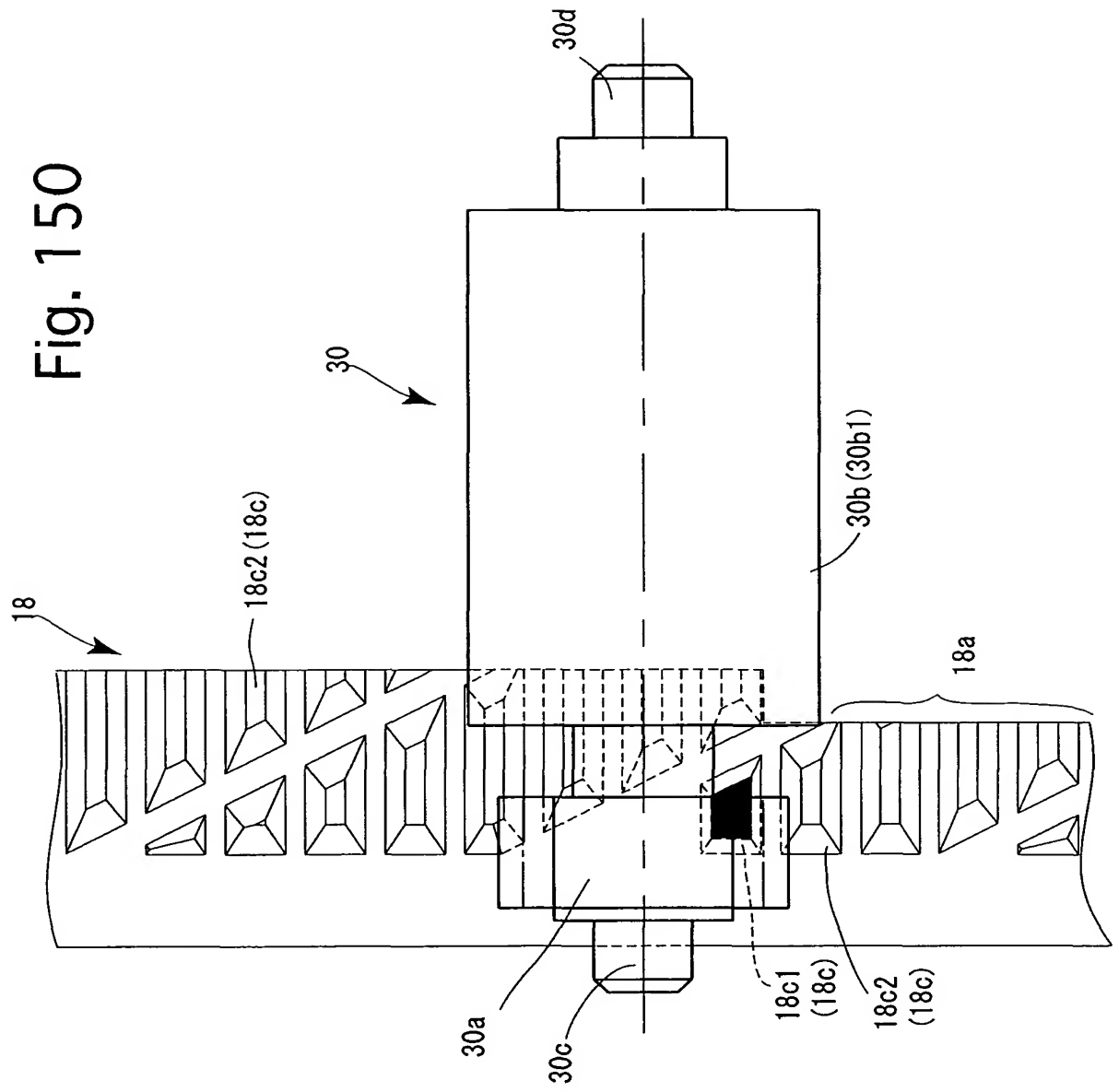
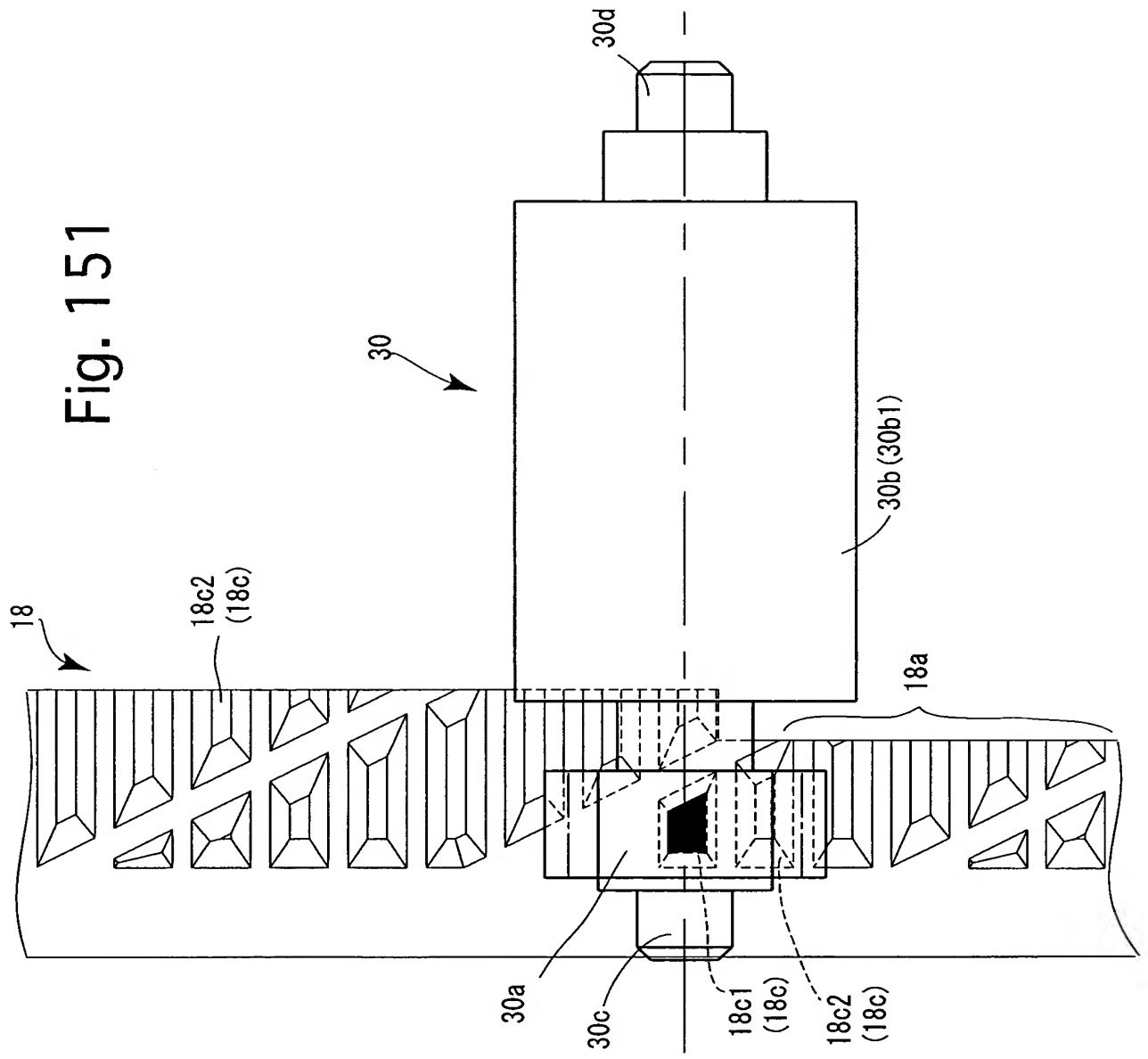


Fig. 151



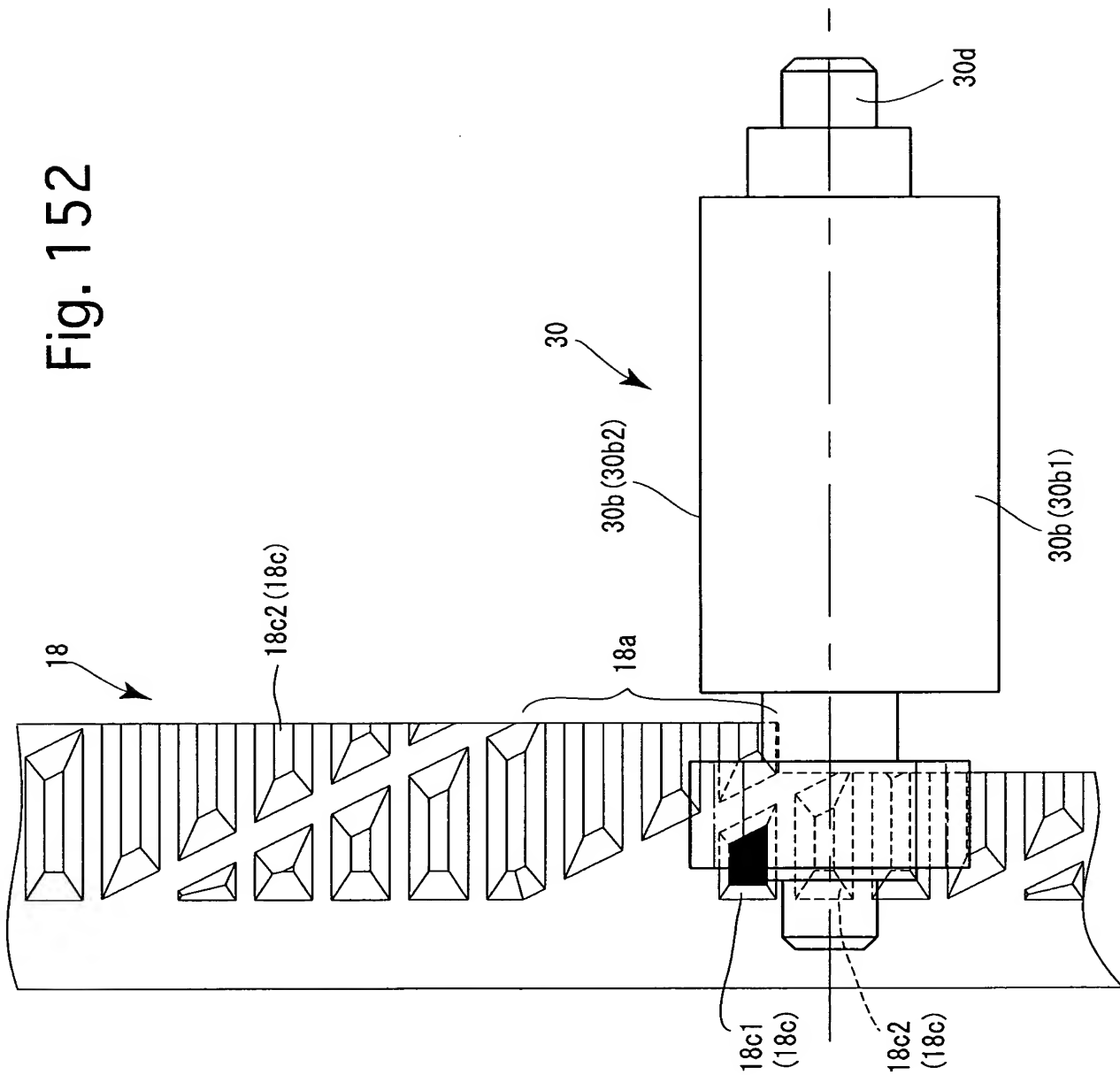


Fig. 152

Fig. 153

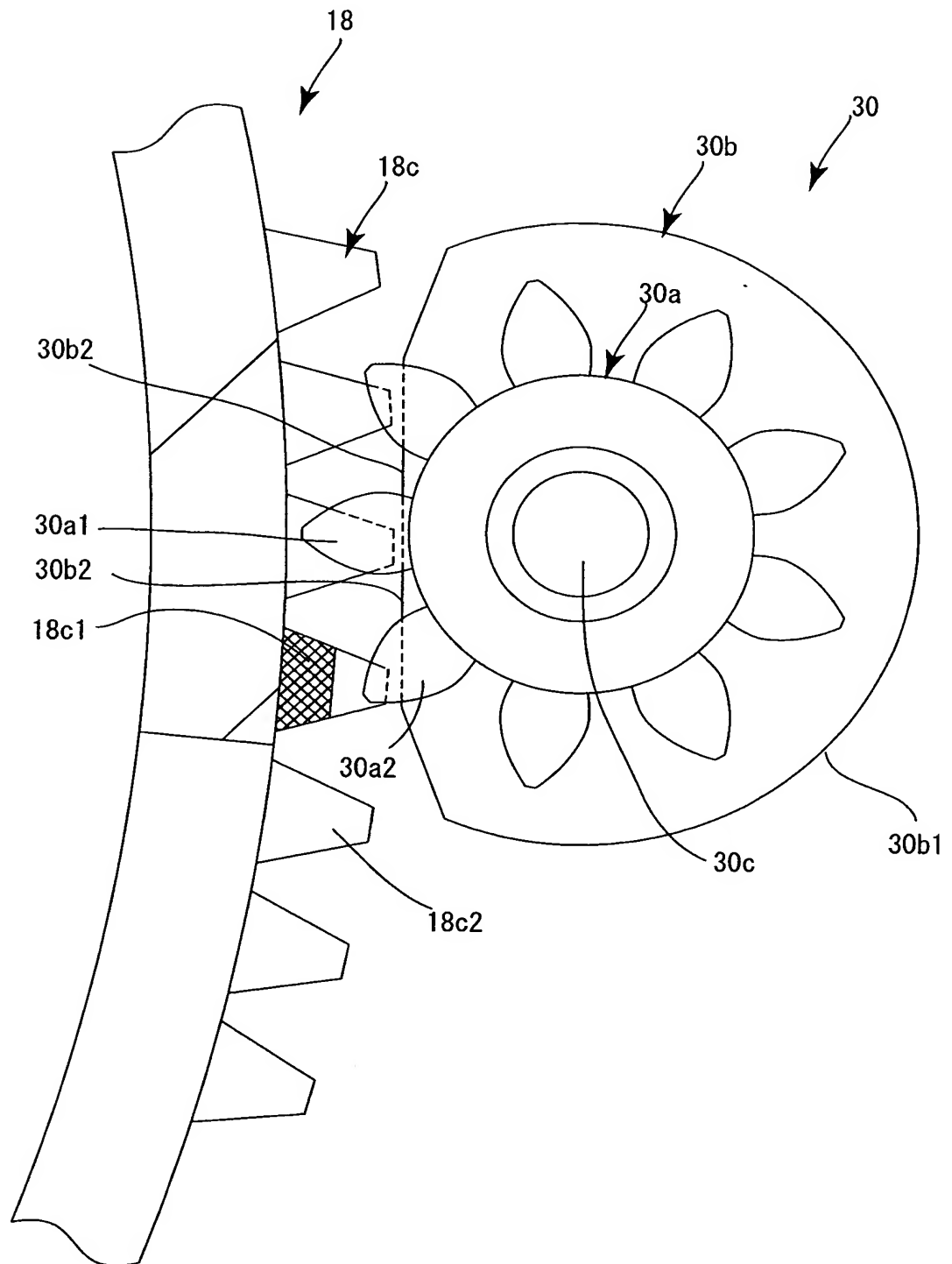


Fig. 154

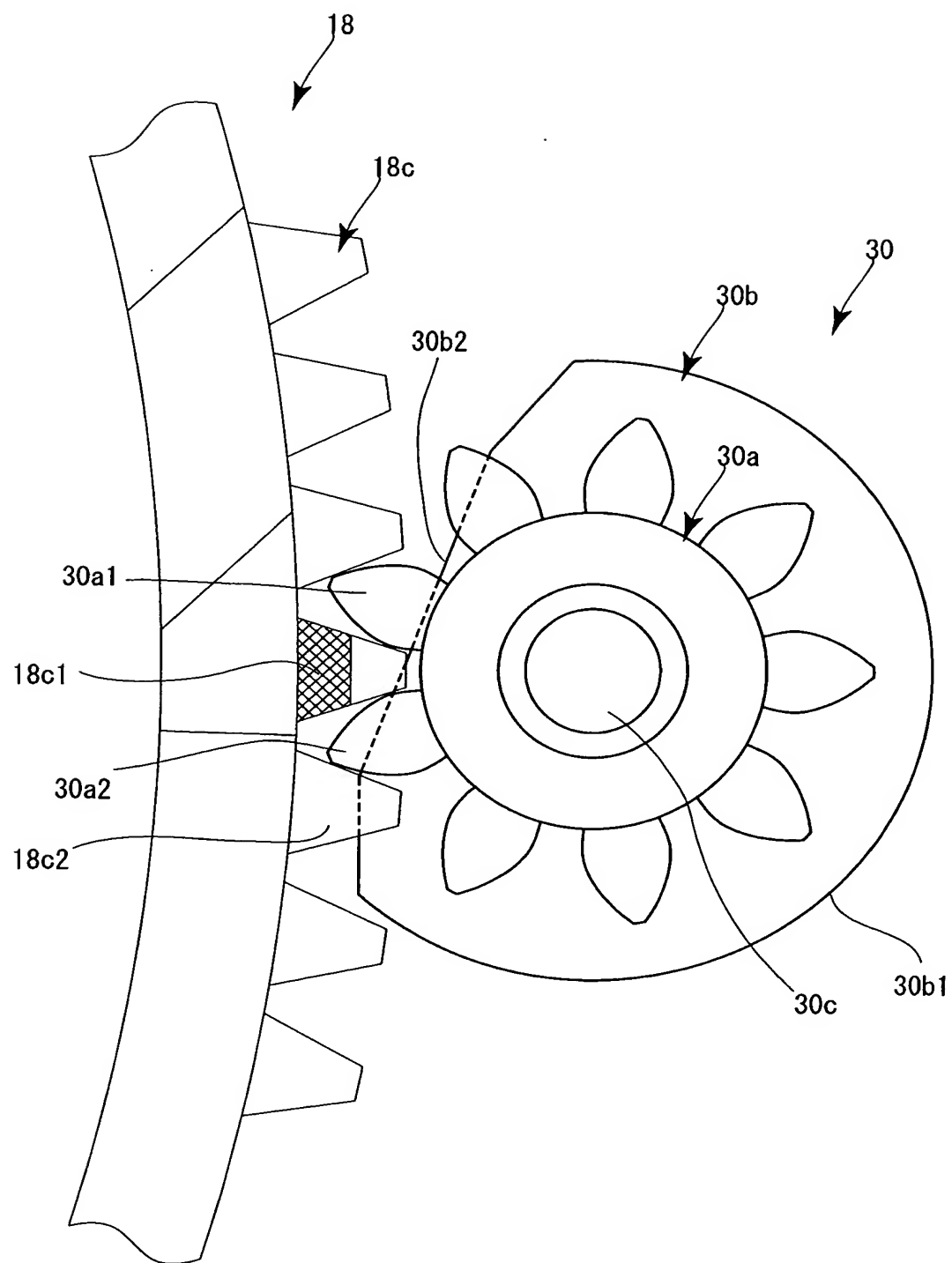


Fig. 155

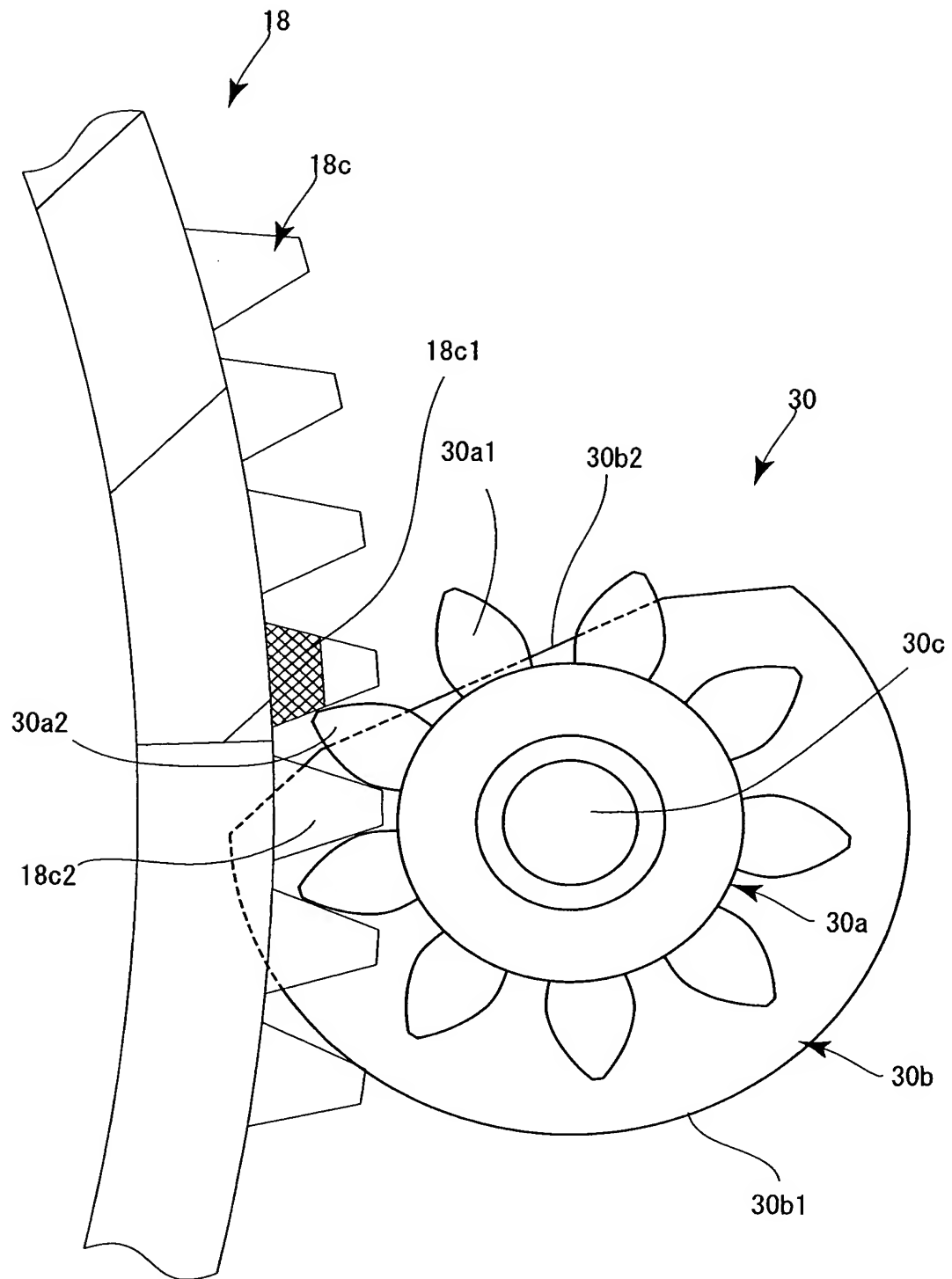


Fig. 156

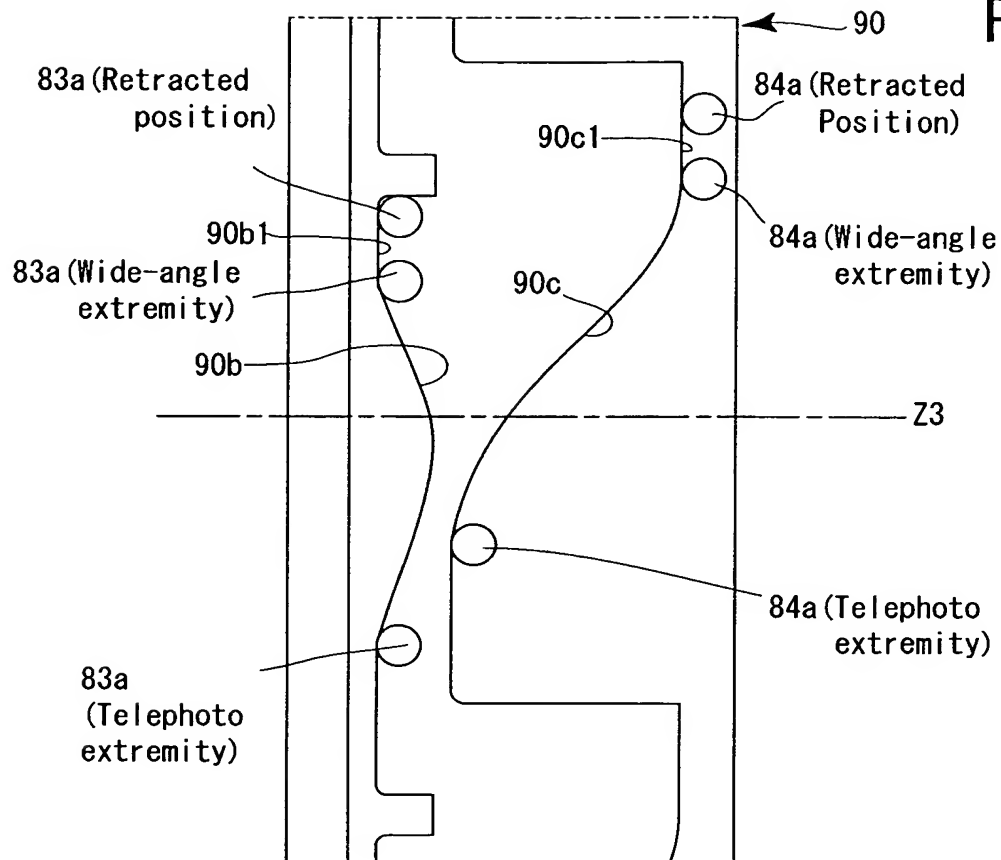


Fig. 157

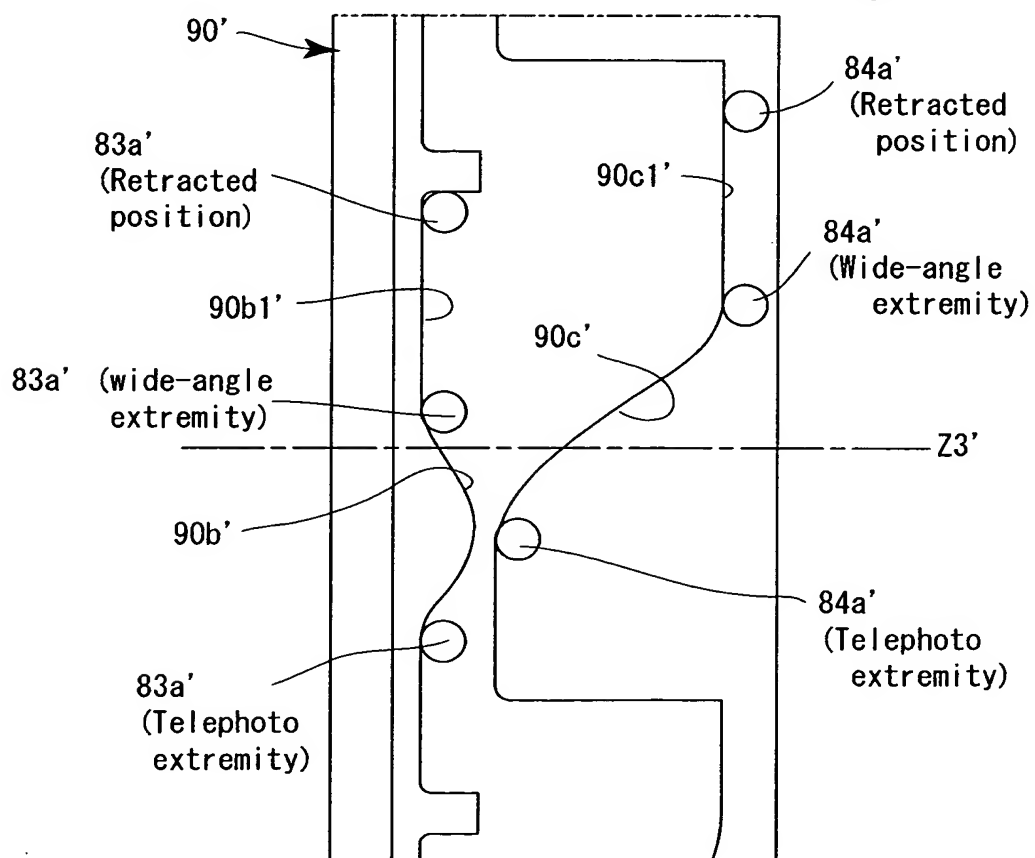


Fig.158

